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Session: 2024-25
Sample Paper

SUBJECT: ENGLISH **MAX. MARKS: 80**
CLASS: IX **DURATION: 3 hrs**

General Instructions:

- Read all the questions thoroughly.
- The paper is divided into **FOUR** sections.
- **Section A READING 20 marks.**
- **Section B GRAMMAR 10 marks**
- **Section C WRITING 24 marks**
- **Section D LITERATURE 26 marks.**
- All the questions are compulsory.
- All the answers should be numbered correctly.

	Section A **READING SKILLS**	**20 Marks**
Q I	**Read the passage given below.**	**1*10=10**
1	India is home to an estimated 10% of the global Snow Leopard population spread across five Himalayan states of Jammu and Kashmir, Himachal Pradesh, Uttarakhand, Sikkim and Arunachal Pradesh which is only 5% of the available global habitat for the animal.	
2	Project Snow Leopard was introduced in India by the Project Snow Leopard Committee instituted by the Ministry of Environment and Forests, Government of India in the year 2009 to safeguard and conserve India's unique natural heritage of high altitude wildlife populations and their habitats by promoting conservation through participatory policies and actions.	
3	Project Tiger and Project Elephant is prevalent in India with the former introduced in 1973 garnering worldwide attention.	

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4	The Snow Leopard usually occurs at an altitude of >2700 m above sea level and is the apex predator in the Himalayan Region along with the Tibetan Wolf. The project is not only to protect the Snow Leopard, but as with Project Tiger, it is considered an umbrella species and with its protection, comes the protection of other species and the habitat which they are all a part of.	
5.	Top 3 National Parks in India where the Snow Leopard can likely be seen in Kibber Wildlife Sanctuary (Himachal Pradesh), Ulley Valley (Ladakh) and Hemis National Park (Himachal Pradesh) The reasons for introduction of Project Snow Leopard are High altitudes of India >3000 m including the Himalayan and Trans-Himalayan biogeographic zones support a unique wildlife assemblage of global conservation. There has been relatively less attention on the region from the view point of wildlife conservation. The region represents a vast rangeland system supporting important traditional pastoral economies and lifestyles. The region provides essential ecosystem services and harbors river systems vital for the nation's food security. India has ratified international agreements promoting the conservation of high altitude wildlife species such as the snow leopard. The region is important for the country's national security as well as international relations. The high altitude wildlife in India today faces a variety of threats. The existing high altitude protected areas in India require considerable strengthening. Wildlife Management in the region needs to be made participatory.	
	Based on your understanding of the passage, answer the questions given below.	**1*10=10**
i.	The Snow Leopard is usually found at an altitude of : a) Less than 2700 m above sea level. b) Greater than 2700 m above sea level. c) Less than 2000 m above sea level. d) Greater 2000 m above sea level.	**1**
ii.	The snow leopard can be seen in : a) Ladakh b) Punjab c) Himachal Pradesh d) (a) and (b).	**1**

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iii.	…… is integral to the nation's food security. a) Wildlife management b) International relations c) Water animals d) River systems	1
iv.	The above passage shows that Snow Leopards are : a) Not threatened species. b) Vulnerable species and must be protected. c) Useless species that need no protection d) Species that live only in the Himalayas.	1
v.	Which of the following species can be found in Himalayan region besides the Snow Leopard? : a) Asian Elephants b) Endangered tiger c) Tibetan Wolf d) Crocodiles	1
vi.	Snow Leopard is considered a/an .....Species. a) umbrella b) pan c) tree d) branch	1
vii.	It can be concluded from the passage that with conservation of high altitude wildlife species, India requires to: a) Keep the region neat and tidy. b) Protect the region as well. c) Donate money to the human inhabitants of the region. d) Hold such species captive.	1
viii.	As per the passage , high altitude regions should be protected because they: a) Support unique wildlife of global significance. b) Threaten wildlife. c) Consist of very insignificant ecosystems. d) Provide minerals and natural resources.	1

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ix.	Read the two statements given below and choose the correct option: 1. Project Snow Leopard was introduced in India in 2009 to conserve unique high altitude wildlife like snow leopards. 2. Project Tiger Reserve was introduced in: a) (1) is the foundation of (2). b) (1) is the cause of (2). c) (1) is the independent of (2). d) (1) contradicts (2).	1
x.	Choose the synonym of 'essential'. a) optional b) secondary c) vital d) Insignificant	1

Q II	**Read the passage given below.**	**10**
1.	India's population is expected to grow by 25%, with reference to 2011, to 1.52 billion by 2036, according to the final report of the technical group on population projections dated July2020. The group was constituted by the National Commission on Population under the Ministry of Health and Family Welfare with the mandate to provide population projections for the period 2011 to 2036.	
2.	India population growth rate is expected to decline to its lowest since the Independence in the 2011-2021decade, with a decadal growth rate of 12.5%. It will decline further to 8.4% in the 2021-2031 decade, as per the report which The Wire has seen. According to these projections, India will overtake China as the world's most populous country around 2031- almost a decade later than the United Nations projections of 2022. India's population is projected to increase to 1.52 billion by 2036.	

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3.	The projections have been delayed quite significantly . "Ideally, they should have come by 2016. But there were delays, in setting up the committee and then more delays at the government end even after we submitted the reprt. We had submitted our report in November 2019," said a member of the committee wishing to remain anonymous. This was confirmed by two other members as well.
4.	India's population was 1.21 billion as per the Census 2011 and the projections now estimate that the population will grow by 311 million by 2036.
5.	The reports projects that as much as 70% of this increase will be in urban areas. India's urban population will increase from 377 million in 2011 to 594 million in 2036 --- a growth of 57%. So, while 31% of Indians were living in urban India in 2011 that will grow to 39% by 2036.
6.	Consequently, the proportion of the rural population will decline from 69% to 61% as the urban population is projected to increase more than twice the projected increase in the rural population.

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	Based on your understanding of the passage, answer the questions given below.	**1*10= 10**
i.	India's population will be around ..... n 2028 a) 1. 2 billion b) 1.52 billion c) 1.4 billion d) 1 billion	**1**
ii.	NCP stands for: a) National Council of Population b) National Commission on Population c) National Calendar of Population d) National Committee of People e) Implementing steps framed and deployed in convention	**1**
iii.	The decade 2011-2021 has a decadal growth rate of a) 8.4% b) 12.5 % c) 2.9% d) 39%	**1**
iv.	The projections come in July of 2020 because of: a) Delay in setting up the committee b) Delay by the government c) Delay by the committee d) Both (a) and (b)	**1**
v.	The population of India is estimated to grow by …… …. By 2036. a) 377 million b) 311 million c) 594 million d) 1.21 billion	**1**
vi.	Read the two statements given below and choose the correct option: 1. India will become the most populous country in the world by 2031. 2. China will become the most populous country in 2036. a) (1) is the result of (2). b) (1) is the reason of (2). c) Both are false. d) (1) is true (2) is false.	**1**

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vii.	Which of the following can be inferred from the passage? a) India's population growth rate is expected to decline drastically. b) India's mortality growth rate is expected to increase drastically. c) India's birth growth rate is expected to increase drastically d) None of the above.	**1**
viii.	According to the passage, rural population will: a) Decline as compared to the urban population's growth b) Increase as compared to the urban population's growth c) Remain unchanged d) Be unpredictable	**1**
ix.	The given report presents the population projections: a) From 2011-2021 b) From 2021-2036 c) From 2011-2036 d) From 2015-2035	**1**
x.	Choose the synonym of 'expected'. a) Disbelieved b) Overlooked c) Surprising d) Likely	**1**

	SECTION B –GRAMMAR	**10 Marks**
III	The following passages have not been edited. There is an error in each line against which a blank is given. Write the Incorrect and the correct word in the blank given: Incorrect Correct a) Animation has become an lucrative field in India as …… …….. b) a local market is going at a fast pace. The …… …… c) industry have lately seen a massive influx of youngsters …… …….. d) keen in make a career here. …… ……..	1*4=4

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IV	Fill in the blanks choosing the most appropriate options given below: If you struggle to fall asleep (a).....night, you might need some help to (b) ……. Your brain. (c) …… there is no miracle formula (d) ……. Perfect sleep, there are (e)..... few natural ways you can make yourself feel sleepy. If you sleep on your side, you have found (f) ……. Healthiest solution. a) (i) by (ii) in (iii) at (iv) on b) (i) calming (ii) calm (iii) calms (iv) calmed c) (i) as (ii) so (iii) from (iv) from d) (i) of (ii) to (iii) in (iv) for e) (i) a (ii) an (iii) the (iv) these f) (i) the (ii) a (iii) an (iv) these	0.5 * 6=3 marks
V	Read the following dialogues and complete the passage given below. Prerna : Are you going for the picnic? Ram : No, I can't because my father is unwell. Prerna : I will pray to God for his speedy recovery. Prerna wanted to know from Ram (a)..... To this , Ram answered that he could not go because (b)…….. …… . further Prerna said that (c)…… …… ……	**1*3 =3** Marks

	SECTION C – WRITING	**24 Marks**
VI	An NGO has approached your school to offer book grants to the needy students. As Head girl of Sunshine Public School, Punjabi Bagh. Write a notice in about 50 words asking students who are in need to put their requests into the box kept outside the Principal's office	4

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VII	Attempt ANY ONE from A and B given below.	**5**
A	Write a dialogue between a younger brother and the elder sister, who is helping him to learn riding a bicycle.	
	OR	
B	Write a dialogue between father and son about the performance of Indian Cricket Team.	

VIII	You are Som/ Soni, living at B-72, Raj Nagar Palam New Delhi . Your brother/ sister is studying in Agra living with your uncle. His/ her annual examination is upcoming in the next month. He is not taking this exam seriously. So write a letter to your younger brother/ sister advising him/her to prepare the forth coming exam seriously.	7
IX	Attempt ANY ONE from A and B given below.	8
A	While crossing the road, on your way to school, you were about to be hit by a speeding auto-rickshaw but luck was on your side and you had a narrow escape. But the incident left had a narrow escape. But the incident left you quite shaken and you decided to write about it. Write a paragraph in about (100-120) words, along with the ideas from MCB unit 'Adventure'. Use the following hints. Going to school……. Crossing the road……. Speeding auto Whizzed past ……. Narrow escape…….people gathered ……..still shaken	
	OR	
B	Though there is a ban on plastics, it is available in large quantities in the market. Plastics pose a great wealth as well as environmental hazard. Taking ideas from the MCB unit 'Environment'. Write a paragraph for your school magazine in about 100-120 words on the danger of plastic products and the need on the danger of plastic products and the need to ban its manufacturing and sale in the market.	

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	SECTION D - LITERATURE	**26**
X	**Attempt ANY TWO of three extracts given.**	**2*4=8**
A	**Read the extracts given below and answer the following questions**	**4**
	'With many a curve my banks I fret By many a field and follow And many a fairy foreland set With willow weed and mallow'.	
i.	Who is 'I' in these given lines?	**1**
ii.	How does 'I' feel when 'I' takes many count?	**1**
iii.	Describe the journey of the brook?	**1**
iv.	What does the word 'mallow' mean?	**1**
	OR	
B	Then took the other as just as fair , And having perhaps the better claim, Because it was grassy and wanted wear;	4
i.	How was the second road different from the first?	**1**
ii.	What does the choice of the road signify?	**1**
iii.	"And took the other, as just as fair, and having perhaps the better claim". What is the better claim?	**1**
iv.	Identify the poetic device in the above extract.	
	OR	
C	I can tell by just looking at you That it would suit you admirably, As you suit it	4
i.	Who is addressing to whom?	**1**
ii.	What does 'it' refer to?	**1**
iii.	What does it reveal about the speaker?	**1**
iv.	What did Juliette want to convey to Jeanne through this extract?	**1**

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XI	**Answer ANY SIX of the following in about 30-40 words each.**	**6*2=12**
i.	How much was the Villa worth and for how much was it sold?	**2**
ii.	Do you agree that Mrs AI Smith is the representative of American Outlook? Give reasons.	**2**
iii.	"It was like lightning of fuse. Duke shimmied himself U-shaped in anticipation". Explain.	**2**
iv.	Why was money of no use to the grandmother in 'How I taught my grandparents to Read'?	**2**
v.	What according to the poet, are the various themes of the solitary reaper's song?	**2**
vi.	How will the poet reflect about his choice of the road? Why?	**2**
vii.	Briefly describe the brook's journey from the 'thirty hills' to the brimming river'?	**2**

XII	**Answer ANY ONE of the following in about 100-120 words.**	**1*6=6**
i.	We often decide our career based on the popular choices. We often want to go where the crowd goes. The world would have never progressed if there weren't pioneers who plodded untrodden paths in life. Based on your reading of the poem, write a paragraph on the topic' Pioneers have helped the world to progress'.	**6**
	OR	
ii.	Which is more valuable and important- music in Nature or music created by Man? Give reasons in support of your view.	**6**

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Sample paper

SUBJECT: HINDI **MAX. MARKS: 80**
CLASS: IX **DURATION: 3 HOURS**

General Instructions:

निम्नलिखित निर्देशों को बहुत सावधानी से पढ़िए और उनका पालन कीजिए

(1) प्रश्नपत्र में दो खंड हैं- खंड 'अ' और 'ब'

(2) अ' में उपप्रश्नों सहित वस्तुपरक प्रश्न पूछे गए हैं। दिए गए निर्देशों का पालन करते हुए प्रश्नों के उत्तर दीजिए।

(3) खंड 'ब' में वर्णनात्मक प्रश्न पूछे गए हैं, आंतरिक विकल्प भी दिए गए हैं।

(4) निर्देशों को बहुत सावधानी से पढ़िए और उनका पालन कीजिए।

(5) यथासंभव दोनों खंडों के प्रश्नों के उत्तर क्रमशः लिखिए।

खंड- 'अ' (वस्तुपरक प्रश्न)

प्रश्न 1. नीचे दिए गए गद्यांश को ध्यानपूर्वक पढ़िए और उस पर आधारित प्रश्नों के उत्तर दीजिए। (1x5=5)

राहे पर खड़ा है, सदा से ठूँठ नहीं है। दिन थे जब वह हरा भरा था और उस जनसंकुल चौराहे पर अपनी छतनार डालियों से बटोहियों की थकान अनजाने दूर करता था। पर मैंने उसे सदा ठूँठ ही देखा है। पत्रहीन, शाखाहीन, निरवलंब, जैसे पृथ्वी रूपी आकाश से सहसा निकलकर अधर में ही टंग गया हो। रात में वह काले भूत-सा लगता है, दिन में उसकी छाया इतनी गहरी नहीं हो पाती जितना काला उसका जिस्म है और अगर चितेरे को छायाचित्र बनाना हो तो शायद उसका-सा 'अभिप्राय' और न मिलेगा। प्रचंड धूप में भी उसका सूखा शरीर उतनी ही गहरी छाया ज़मीन पर डालता जैसे रात की उजियारी चांदनी में।जब से होश संभाला है, जब से आंख खोली है, देखने का अभ्यास किया है, तब से बराबर मुझे उसका निस्पंद, नीरस, अर्थहीन शरीर ही दिख पड़ा है। पर पिछली पीढ़ी के जानकार कहते हैं कि एक जमाना था जब पीपल और बरगद भी उसके सामने शरमाते थे और उसके पत्तों से, उसकी टहनियों और डालों से टकराती हवा की सरसराहट दूर तक सुनाई पड़ती थी। पर आज वह नीरव है, उस चौराहे का जवाब जिस पर उत्तर-दक्षिण, पूरब-पश्चिम चारों और की राहें मिलती हैं और जिनके सहारे जीवन अविरल बहता है। जिसने कभी जल को जीवन की संज्ञा दी, उसने निश्चय जाना होगा की प्राणवान जीवन भी जल की ही भांति विकल, अविरल बहता है। सो प्राणवान जीवन, मानव संस्कृति का उल्लास उपहार लिए उन चारों राहों की संधि पर मिलता था जिसके एक कोण में

उस प्रवाह से मिल एकांत शुष्क आज वह ठूँठ खड़ा है। उसके अभाग्यों परंपरा में संभवतः एक ही सुखद अपवाद है – उसके अंदर का स्नेहरस सूख जाने से संख्या का लोप हो जाना। संज्ञा लुप्त हो जाने से कष्ट की अनुभूति कम हो जाती है।

1. जनसंकुल का क्या आश्य है?

क) जनसंपर्क

ख) भीड़भरा

ग) जनसमूह

घ) जनजीवन

2. आम की छतनार डालियों के कारण क्या होता था?

क) यात्रियों को ठंडक मिलती थी

ख) यात्रियों को विश्राम मिलता था

ग) यात्रियों की थकान मिटती थी

घ) यात्रियों को हवा मिलती थी

3. शाखाहीन, रसहीन, शुष्क वृक्ष को क्या कहा जाता है?

क) नीरस वृक्ष

ख) जड़ वृक्ष

ग) ठूँठ वृक्ष

घ) हीन वृक्ष

4. आम के वृक्ष के सामने पीपल और बरगद के शरमाने का क्या कारण था?

क) उसका अधिक हरा-भरा और सघन होना

ख) हवा की आवाज सुनाई देना

ग) अधिक फल फूल लगना

घ) अधिक ऊँचा होना

5. आम के अभागेपन में संभवतः एक ही सुखद अपवाद था –

क) उसका नीरस हो जाना

ख) संज्ञा लुप्त हो जाना

ग) सूख कर ठूँठ हो जाना

घ) अनुभूति कम हो जाना

प्रश्न 2. नीचे दिए गए गद्यांश को ध्यानपूर्वक पढ़िए और उस पर आधारित प्रश्नों के उत्तर दीजिए। (1x5=5)

गांधीजी ने दक्षिण अफ्रीका में प्रवासी भारतीयों को मानव-मात्र की समानता और स्वतंत्रता के प्रति जागरुक बनाने का प्रयत्न किया। इसी के साथ उन्होंने भारतीयों के नैतिक पक्ष को जगाने और सुसंस्कृत बनाने के प्रयत्न भी किए। गांधी जी ने ऐसा क्यों किया? इसलिए कि वे मानव-मानव के बीच काले-गोरे, या ऊँच-नीच का भेद ही मिटाना प्रयाप्त नहीं समझते थे, वरन उनके बीच एक मानवीय स्वभाविक स्नेह और हार्दिक सहयोग का संबंध भी स्थापित करना चाहते थे। इसके बाद जब वे भारत आए, तब उन्होंने इस प्रयोग को एक बड़ा और व्यापक रुप दिया विदेशी शासन के अन्याय-अनीति के विरोध में उन्होंने जितना बड़ा सामूहिक प्रतिरोध संगठित किया, उसकी मिसाल संसार के इतिहास में अन्यत्र नहीं मिलती। पर इसमें उन्होंने सबसे बड़ा ध्यान इस बात का रखा कि इस प्रतिरोध में कहीं भी कटुता, प्रतिशोध की भावना अथवा कोई भी ऐसी अनैतिक बात न हो जिसके लिए विश्व-मंच पर भारत का माथा नीचा हो। ऐसा गांधी जी ने इसलिए किया क्योंकि वे मानते थे कि बंधुत्व, मैत्री, सदभावना , स्नेह-सौहार्द आदि गुण मानवता रूप टहनी के ऐसे पुष्प हैं जो सर्वदा सुगंधित रहते हैं।

1. अफ्रीका में प्रवासी भारतीयों के पीड़ित होने का क्या कारण था?

क) निर्धनता धनिकता पर आधारित भेदभाव

ख) रंग-भेद और सामाजिक स्तर से संबंधित भेदभाव

ग) धार्मिक भिन्ता पर आश्रित भेदभाव

घ) विदेशी होने से उत्पन्न मन-मुटाव

2. गांधी जी अफ्रीकावासियों और भारतीय प्रवासियों के मध्य क्या स्थापित करना चाहते थे?

क) सहज प्रेम एवं सहयोग की भावना

ख) पारिवारिक अपनत्व की भावना

ग) अहिंसा एवं सत्य के प्रति लगाव

घ) विश्वबंधुत्व की भावना

3. भारत में गांधीजी का विदेशी शासन का प्रतिरोध किस पर आधारित था?

क) संगठन की भावना पर

ख) नैतिक मान्यताओं पर

ग) राष्ट्रीयता के विचारों पर

घ) शांति की सदभावना पर

4. बंधुत्व, मैत्री आदि गुणों की पुष्पों के साथ तुलना आधारित है –

क) उनकी सुंदरता पर

ख) उनकी कोमलता पर

ग) उनके अपनत्व पर

घ) उनके कायिक प्रभाव पर

5. गद्यांश का उपयुक्त शीर्षक क्या होगा?

क) अफ्रीका में गांधी जी

ख) प्रवासी भारतीय और गांधी जी

ग) गांधी जी की नैतिकता

घ) गांधी जी और विदेशी शासन

प्रश्न-3 निम्नलिखित प्रश्नों के उत्तर सही विकल्प चुनकर दीजिये। (2)

1. शब्द किसे कहते हैं?

(क) विभिन्न ध्वनियों या वर्गों के मेल को शब्द कहते हैं।

(ख) प्रत्येक स्वतंत्र, सार्थक एवं व्यवस्थित वर्ण-समूह को शब्द कहते हैं।

(ग) शब्द स्वतंत्र रहकर भी अपना अर्थ प्रकट करते हैं।

(घ) उपर्युक्त सभी।

2. आग, हाथी, पुस्तक आदि इकाइयाँ क्या हैं?

(क) पद

(ख) शब्द

(ग) वर्ण-समूह

(घ) वाक्य

प्रश्न 4. 1) म्नलिखित शब्दों में से उस शब्द को चुनिए, जिसमें अनुस्वार का प्रयोग होगा- (2)

(क) धसना

(ख) फासना

(ग) पख

(घ) चाद

2. उचित स्थान पर लगे अनुनासिक वाले शब्द को चुनिए-

(क) हसँना

(ख) हँसना

(ग) हसनाँ

(घ) हाँसना

IV. सही विकल्प चुनिए-

प्रश्न 5. 1)'उल्लेख' शब्द में कौन-सा उपसर्ग प्रयुक्त है? **(4)**

(क) उल

(ख) उ

(ग) उत्

(घ) उल्

2. उपसर्ग मूल रूप से क्या होते हैं?

(क) शब्द

(ग) पद

(ख) शब्दांश

(घ) वाक्य

3. 'आर्थिक शब्द में कौन-सा प्रत्यय प्रयुक्त हुआ है।

(ख) इका

(ग) दक

(घ) ईक

4. 'नी' प्रत्यय से निर्मित शब्द छाँटिए-

(क) लेनी

(ख) पैनी

(ग) देनी

(घ) ओढ़नी

प्रश्न 6. अर्थ की दृष्टि से सही वाक्य-भेद चुनिए- **(4)**

1. आप कहाँ जा रहे हैं।

(क) प्रश्नवाचक

(ख) संकेतवाचक

(ग) विधानवाचक

(घ) इच्छावाचक

2. उफ! आज कितनी गरमी है।

(क) संदेहवाचक

(ख) विस्मयवाचक

(ग) प्रश्नवाचक

(घ) निषेधवाचक

3. 'वायु की लहरें कटी पतंग को सहसा भूमि पर नहीं गिर जाने देतीं' ।

(क) इच्छावाचक

(ख) निषेधवाचक

(ग) विधानवाचक

(घ) संकेतवाचक

4)'आप मुझे इस तरह की बात मत कीजिए|' यह किस प्रकार का वाक्य है?

निषेधात्मक

प्रश्न वाचक

संकेत वाचक

आज्ञ वाचक

प्रश्न 7 निम्नलिखित प्रश्नों के उत्तर सही विकल्प द्वारा चुनकर दीजिए **(4)**

क)'इत्यादि' का सही संधि विच्छेद

i. इति+यदि
ii. इति+अदि

iii. इति+आदि
iv. इत्+यदि

ख) मत+ अनुसार की संधि होगी

i. मातानुसार
ii. मतानुसार
iii. मतोनुसार
iv. मृत्युनुसार

ग) संधि का भेद नहीं है

i. स्वर संधि
ii. व्यंजन संधि
iii. विसर्ग स्वर
iv. शब्द संधि

घ) सही संधि विच्छेद का चयन कीजिए

वधूर्जा

i. वधु + ऊर्जा
ii. वधू + ऊर्जा
iii. वधू + उर्जा
iv. तीनों गलत

प्रश्न 8 निर्देश अनुसार उत्तर दीजिए **(4)**

क)योजक चिह्न प्रयोग किस स्थिति में नहीं होता?

i. द्वंद समास के दोनों पदों के बीच
ii. शब्दों के द्वित्व रूप में
iii. शब्दों के विभिन्न जोड़ों में
iv. संवादों के नाम के बाद

ख) वाक्य के बीच में जब अर्ध विराम की तुलना में कुछ कम समय के लिए रुक जाता है तब कौन सा चिन्ह लगाया जाता है

i. अल्पविराम
ii. अर्ध विराम
iii. पूर्णविराम
iv. तीनों उत्तर गलत

ग) लिखते समय जब कोई शब्द या अंश छूट जाता है तब उसे स्थान पर कौन सा चिन्ह लगाया जाता है ?

i. "हंस पद चिह्न

ii. निर्देशक चिह्न
iii. उदधरण चिह्न
iv. विस्मय बोधक

घ) वह आ०अ०(आकस्मिक अवकाश) लेकर घर चली गई।

i. उदधरणचिह्न
ii. संक्षेप चिह्न
iii. योजक चिह्न
iv. तीनों गलत

प्रश्न 9 काव्यांश पर आधारित बहुविकल्पीय प्रश्न | निम्नलिखित पद को पढ़कर पूछे गए प्रश्नों के उत्तर दीजिए।

(5)

अब कैसे छूटै राम नाम रट लागी,

प्रभु जी, तुम चन्दन हम पानी, जाकी अंग-अंग बास समानी।

प्रभु जी, तुम घन बन हम मोरा, जैसे चितवन चंद चकारो।।

प्रभु जी, तुम दीपक हम बाती, जाकी जोति बरै दिन राती।

प्रभु जी, तुम मोती हम धागा, जैसे सोनहिं मिलत सुहागा।

प्रभु जी, तुम स्वामी हम दासा, ऐसी भक्ति करें रैदासा |

1. इस पद में किस भाव की अभिव्यक्ति हुई है?

i. भक्ति भाव
ii. प्रेम भाव
iii. ईर्ष्या भाव
iv. निंदा भाव

2. रैदास के अंग-अंग में क्या समाया हुआ है?

i. चंदन
ii. जल
iii. प्रेम
iv. ईश्वर

3. कवि ईश्वर की ओर आशा भाव से किस प्रकार देखते हैं?

i. जैसे मोर बादलों की ओर देखता है
ii. जैसे चकोर चाँद की ओर देखता है

iii. जैसे पपीहा बादलों की ओर देखता है
iv. जैसे किसान बादलों की ओर देखता है।

4. मोती के साथ मिलने से किसकी कीमत बढ़ जाती है?

i. सुहागे की
ii. सोने की
iii. धागे की
iv. व्यक्ति की।

5. रैदास अपने को क्या मानते हैं?

i. ईश्वर का सखा
ii. ईश्वर का पुत्र
iii. ईश्वर सहचर
iv. ईश्वर का दास।

प्रश्न 10 काव्यांश पर आधारित बहुविकल्पीय प्रश्न | निम्नलिखित पद को पढ़कर पूछे गए प्रश्नों के उत्तर दीजिए।

(5)

गाकर गीत विरह के तटिनी
वेगवती बहती जाती है,
दिल हलका कर लेने को
उपलों से कुछ कहती जाती है।
तट पर एक गुलाब सोचता,
"देते स्वर यदि मुझे विधाता,
अपने पतझर के सपनों का
मैं भी जग को गीत सुनाता।"
गा-गाकर बह रही निर्झरी,
पाटल मूक खड़ा तट पर है।
गीत, अगीत, कौन सुन्दर है?

1. इन पंक्तियों के रचयिता कौन हैं?

i. रामधारी सिंह दिनकर
ii. सियारामशरण गुप्त
iii. हरिवंशराय बच्चन
iv. अरुण कमल

2. नदी तट से क्या कहना चाहती है?

i. प्रेम निवेदन
ii. अपने मन की व्यथा
iii. पर्वतों की शिकायत
iv. ग्वालों की शिकायत।

3.गुलाब के हृदय में किस बात को लेकर कसक है?

i. वह दोबारा कली क्यों नहीं बन सकता
ii. उसकी पंखुड़ियाँ क्यों झर जाती हैं
iii. विधाता ने उसको स्वर क्यों नहीं दिया
iv. उसके साथ काँटे क्यों पैदा हो गए।

4. गुलाब तट पर किस प्रकार खड़ा है?

i. लहराते हुए
ii. झूमते हुए
iii. हँसते हुए
iv. चुपचाप

5. निर्झरी किस प्रकार बह रही है?

i. धीरे-धीरे
ii. गा-गाकर
iii. चुपचाप
iv. शोर करते हुए

प्रश्न 11 निम्नलिखित गद्यांश को पढ़कर प्रश्नों के सर्वाधिक उपयुक्त उत्तर वाले विकल्पों का चयन कीजिए- (5)

जब अप्रैल में मैं बेस कैंप में थी. रेनजिंग अपनी सबसे छोटी सुपुत्री डेकी के साथ हमारे पास आए थे। उन्होंने इस बात पर विशेष महत्त्व दिया कि दल के प्रत्येक सदस्य और प्रत्येक शेरपा कुली से बातचीत की जाए। जब मेरी बारी आई, मैंने अपना परिचय यह कहकर दिया कि मैं बिलकुल ही नौसिखिया हूँ और एवरेस्ट मेरा पहला अभियान है। तेनजिंग हँसे और मुझसे कहा कि एवरेस्ट उनके लिए भी पहला अभियान था, लेकिन यह भी स्पष्ट किया कि शिखर पर पहुंचने से पहले उन्हें सात बार एवरेस्ट पर जाना पड़ा था। फिर अपना हाथ मेरे कंधे पर रखते हुए उन्होंने कहा, "तुम एक पक्की पर्वतीय लड़की लगती हो। तुम्हें तो शिखर पर पहले ही प्रयास में पहुँच जाना चाहिए।"

1. बचेन्द्री पाल का यह कौन-सा अभियान है?

i. पहला
ii. दूसरा
iii. तीसरा
iv. चौथा।

2. तेनजिंग को एवरेस्ट शिखर पर पहुँचने से पहले कितनी बार एवरेस्ट पर जाना पड़ा?

i. दो बार
ii. चार बार
iii. पाँच बार
iv. सात बार

3. तेनजिंग कौन थे?

i. एक बहुत बड़े राजनेता थे
ii. स्वतंत्रता सेनानी थे
iii. एवरेस्ट पर चढ़ने वाले पहले व्यक्ति
iv. भारतीय सेना के बहादुर सिपाही।

4. तेनजिंग ने किस बात को महत्त्व दिया?

i. प्रत्येक सदस्य को शेरपा कुली से बात करनी चाहिए
ii. प्रत्येक सदस्य को एवरेस्ट पर चढ़ना चाहिए
iii. प्रत्येक सदस्य को अपना सामान स्वयं उठाना चाहिए
iv. कुछ दिन कैंप में रुकना चाहिए।

5. बचेंद्री पाल के लिए तेनजिंग ने क्या शब्द कहे?

i. तुम एक पक्की पर्वतीय लड़की लगती हो
ii. तुम्हें तो पहले प्रयास में ही शिखर पर पहुँच जाना चाहिए
iii. 'क' और 'ख' दोनों कथन सत्य हैं
iv. कोई भी कथन सत्य नहीं है।

प्रश्न 12 निम्नलिखित गद्यांश को पढ़कर प्रश्नों के सर्वाधिक उपयुक्त उत्तर वाले विकल्पों का चयन कीजिए- (5)

मनुष्यों की पोशाकें उन्हें विभिन्न श्रेणियों में बाँट देती हैं। प्रायः पोशाक ही समाज में मनुष्य का अधिकार और उसका दर्जा निश्चित करती है। वह हमारे लिए अनेक बंद दरवाजे खोल देती है, परंतु कभी ऐसी भी स्थिति आ जाती है कि हम ज़रा नीचे झुककर समाज की निचली श्रेणियों की अनुभूति को समझना चाहते हैं उस समय यह पोशाक ही बंधन और अड़चन बन जाती है। जैसे वायु की लहरें कटी हुई पतंग को सहसा भूमि पर नहीं गिर जाने देतीं, उसी तरह खास परिस्थितियों में हमारी पोशाक हमें झुक सकने से रोके रहती है।

1. मनुष्य की पोशाकें क्या कार्य करती हैं?

i. उनको प्रतिष्ठित बनाती हैं
ii. उनको विभिन्न श्रेणियों में बाँट देती हैं
iii. भेदभाव को कम करती हैं
iv. भाई-चारे को बढ़ाती हैं

2. हमारे बंद दरवाजों को कौन खोलता है?

i. दरबान
ii. हमारी आवश्यकताएँ
iii. हमारी पोशाक
iv. हमारी आर्थिक स्थिति

3. पोशाक हमारे लिए बंधन कब बन जाती है?

i. जब हम अपने से निचली श्रेणियों की अनुभूति को समझना चाहते हैं
ii. जब हम दूसरों से आगे बढ़ना चाहते हैं
iii. जब हम किसी समारोह में जाते हैं
iv. जब हम विद्यालय में पढ़ने जाते हैं

4. पोशाक की तुलना किससे की गई है?

i. धन से
ii. अहंकार से
iii. कटी पतंग से
iv. बंद दरवाजे से

5. निम्न में से कौन-सा शब्द 'वायु' का पर्याय नहीं है?

i. पवन
ii. समीर
iii. पावन
iv. हवा

खंड- 'ब' (वर्णनात्मक प्रश्न)

प्रश्न 13 निम्नलिखित प्रश्नों में से किन्हीं दो प्रश्नों के उत्तर लगभग 60 शब्दों में दीजिए- (2X3=6)

1) क्या समाज में मनुष्य का स्थान उसकी पोशाक या आर्थिक स्थिति से निर्धारित होना चाहिए? पाठ 'दुख के अधिकार 'के आधार पर तर्क सहित उत्तर दीजिए।
2) लेखिका की सफलता पर कर्नल खुल्लर ने उसे किन शब्दों में बधाई दी ?
3) लेखिका ने एवरेस्ट विजय करते की किस-किसको श्रद्धापूर्वक नमन किया? पाठ 'मेरी शिखर यात्रा' के आधार पर बताइए।

प्रश्न 14 निम्नलिखित प्रश्नों में से किन्हीं दो प्रश्नों के उत्तर लगभग 60 शब्दों में दीजिए- (2X3=6)

1) 'अगीत ही गीत के अस्तित्व का आधार है ।' पाठ 'गीत 'अगीत के आधार पर उदाहरण द्वारा स्पष्ट कीजिए।
2) कबीर दास जी के अनुसार मोती, मानुष, चून के संदर्भ में पानी के महत्त्व को स्पष्ट कीजिए।
3) रैदास ने अपने पद में 'गरीब निवाज़ु' किसे कहा है? स्पष्ट कीजिए।

प्रश्न 15 निम्नलिखित प्रश्नों में से किन्हीं दो प्रश्नों के उत्तर लगभग 60 शब्दों में दीजिए- (2X3=6)

1) गुल्लू को लेखिका के साथ अत्यधिक पसंद था इस कथन का तर्क सहित उत्तर दीजिए

2) "सच बोलकर पीटने के भावी भय और झूठ बोलकर चिट्ठियों के न पहुंचने की जिम्मेदारी के बोझ से दबा मैं बैठा सिसक रहा था"- स्मृति पाठ के आधार पर सच और उत्तरदायित्व निभाने के महत्व पर प्रकाश डालिए।

3) "मनुष्य का अनुमान और भावी योजनाएं कभी-कभी कितनी मिथ्या और उल्टी निकलती है" -का आशय स्पष्ट कीजिए।

प्रश्न-16 निम्न लिखित में से किसी एक विषय पर संकेत बिंदुओं के आधार पर लगभग 100 शब्दों में अनुच्छेद लिखें - (6)

1. जहां चाह वहां राह

- कहावत का भाव
- चाह से तात्पर्य
- *कठिनाइयों के बीच में मार्ग -निर्माण
- कोई उदाहरण

2. पुस्तकों का महत्व

- *पुस्तकें हमारे मित्र
- पुस्तके प्रेरणा की सूत्र
- *पुस्तके विकास का सूत्रधार
- *प्रचार का साधन

3. परीक्षा से पहले मेरी मनोदशा

- परीक्षा नाम से भय
- पर्याप्त तैयारी
- प्रश्न पत्र देखकर भय दूर
- आत्मविश्वास में वृद्धि

प्रश्न-17 बनाव- श्रृंगार में अधिक समय नष्ट ना करने की सलाह देते हुए बड़ी बहन की ओर से छोटी बहन को एक पत्र लिखें।

या (6)

अपने भाई के विवाह के समस्त आयोजनों का उल्लेख करते हुए अपने विदेशी मित्र को पत्र लिखकर उसे विवाह समारोह में आमंत्रित करते हुए पत्र लिखें।

XXXXXXXX

N.K. BAGRODIA GLOBAL SCHOOL

Sector-17, Dwarka

SAMPLE PAPER PA-II

GRADE – IX(2024-25)

SUBJECT - Mathematics

Time Allowed:3 hrs **Maximum Marks**: 80

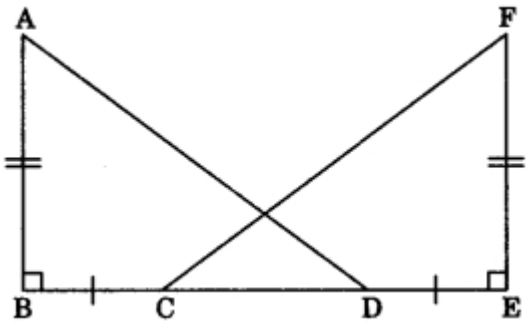
General Instructions:

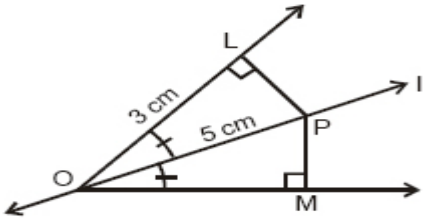
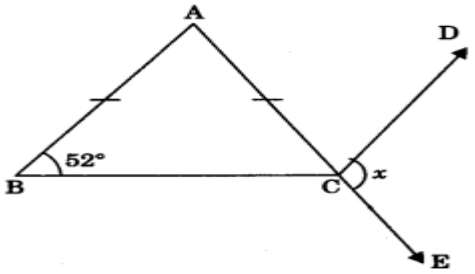
1. This Question Paper has 5 Sections A-E.
2. Section A has 20 MCQ's carrying 1 mark each.
3. Section B has 5 questions carrying 2 marks each.
4. Section C has 6 questions carrying 03 marks each.
5. Section D has 4 questions carrying 05 marks each.
6. Section E has 3 case based integrated units of assessment (04 marks each) with subparts of the values of 1, 1 and 2 marks each respectively.
7. All Questions are compulsory. However, an internal choice in 2 questions of 5 marks, 2 questions of 3 marks and 2 questions of 2 marks has been provided. An internal choice has been provided in the 2 marks questions of Section E
8. Draw neat figures wherever required.
9. Take π =22/7 wherever required, if not stated.

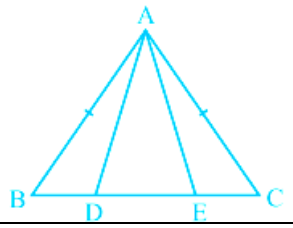
PART–A: SECTION I

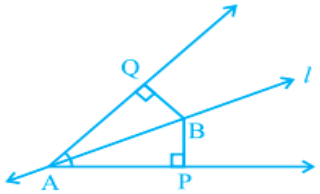
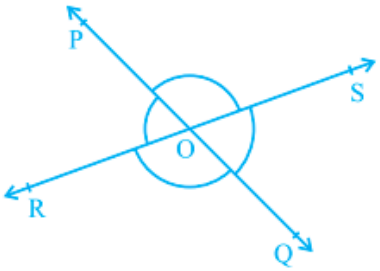
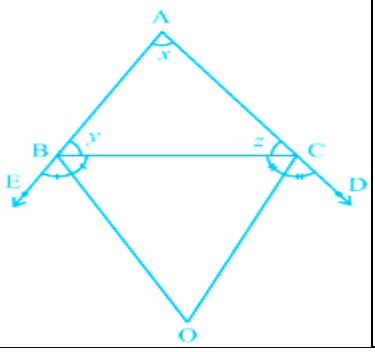
Q. No	Questions	Marks
Q1	Which of the following numbers is an irrational number? A. $\sqrt{16-4}$ B. $(3-\sqrt{3})(3+\sqrt{3})$ C. $\sqrt{5}+3$ D. $-\sqrt{25}$	1
Q2.	In an isosceles triangle PQR, PS is an altitude and PQ = PR. Does PS bisect QR ? A.Yes B)No C)Can't be determined D)None of these	1
Q3.	On simplifying $(\sqrt{5}+\sqrt{7})^2$,we get A. Irrational B. Rational C. Integer D. Natural Number	1

Q4.	In a triangle PQR, if $\angle QPR = 100^\circ$ and PQ = PR, then calculate the values of $\angle R$ and $\angle Q$. A) 30° & 50° B) 20° & 60° C) 50° & 50° D) 40° & 40°	1
Q5.	It is given that $\Delta ABC \cong \Delta FDE$ and AB = 5 cm, $\angle B = 40^\circ$ and $\angle A = 80^\circ$. Then which of the following is true? A. DF = 5 cm, $\angle F = 60^\circ$ B. DF = 5 cm, $\angle E = 60^\circ$ C. DE = 5 cm, $\angle E = 60^\circ$ D. DE = 5 cm, $\angle D = 40^\circ$	1
Q6.	A rational number lying between $\sqrt{2}$ and $\sqrt{3}$ is A. $\sqrt{5}$ B. $\sqrt{6}$ C. 1.6 D. 1.9	1
Q7.	State the criteria of congruence of the two triangles ABC & RPQ if $\angle A = 30^\circ$, $\angle B = 70^\circ$, $\angle P = 70^\circ$, $\angle Q = 80^\circ$ and AB = RP . A.SAS B.ASA C.SSS D.RHS	1
Q8.	It is given that *m* and *n* are two natural numbers such that $m^n = 32$. Find the value of n^{mn} in exponential form. A. 5^2 B. 10^5 C. 2^{10} D. 5^{10}	1
Q9.	1. If $x = 2 + \sqrt{3}$, then $x + 1/x$ = ? A. 5 B. 4 C. -5 D. -4	1
Q10.	In triangle ABC, $\angle A = \angle C$ and BC = 4cm and AC = 3 cm. What is the length of side AB? A.3cm B. 4cm C. 5 cm D.Can't be determined	1
Q11.	If the coordinates of two points are P(-5,3) and Q(8,-9), then find the value of 2(ordinate of Q) - 3(abscissa of P). A.3 B. -3 C.1 D.-1	1

Q12.	In figure AB ⊥ BE and EF ⊥ BE. If BC = DE and AB = EF, then ΔABD is congruent to  A. ΔEFC B. ΔECF C. ΔDEF D. ΔFEC	1
Q13.	To draw a histogram to represent the following frequency distribution: <table><tr><td>Class interval</td><td>5–10</td><td>10–15</td><td>15–25</td><td>25–45</td><td>45–75</td></tr><tr><td>Frequency</td><td>6</td><td>12</td><td>10</td><td>8</td><td>15</td></tr></table> The adjusted frequency for the class 25-45 is: A. 6 B. 5 C. 3 D. 2	1
Q14.	In a frequency distribution, the mid value of a class is 10 and the width of the class is 6. Find the lower limit of the class. **A)12 B.6 C.8 D.7**	1
Q15.	$\sqrt[4]{\sqrt[3]{3^2}}$ = A. $3^{-1/6}$ B. $3^{1/6}$ C. 3^{-6} D. 3^{6}	1

Q16.	What would be the denominator after rationalizing $\frac{7}{5\sqrt{3}-5\sqrt{2}}$? A. 19 B.20 C.25 D.18	1
17.	In the given figure, find PM A.3 cm B.5 cm C.4 cm D.2 cm  	1
18	In figure, ABC is an isosceles triangle whose side AC is produced to E and through C, CD is drawn parallel to BA. Find the value of x. A.52° B.156° C.76° D.104°  	1
19	**Assertion(A) :**If $x = y$, then $2x = 2y$. **Reason (R) :** Things which are double of the same things are equal to one another. (A) Both assertion and reason are true and reason is the correct explanation of assertion. (B) Both assertion and reason are true but reason is not the correct explanation of assertion. (C) Assertion is true but reason is false. (D) Assertion is false but reason is true.	
20	**Assertion(A) :** If we draw two triangles with angles 30°, 70°, and 80° and the length of the sides of one triangle be different than that of the corresponding sides of the other triangle then two triangles are not congruent. **Reason(R) :** If two triangles are constructed which have all corresponding angles equal but have unequal corresponding sides, then two triangles cannot be congruent to each other. (A) Both assertion and reason are true and reason is the correct explanation of assertion. (B) Both assertion and reason are true but reason is not the correct explanation of assertion. (C) Assertion is true but reason is false.	

	(D) Assertion is false but reason is true.	
	Section B	
Q 21.	Determine the point of the linear equation 2x + 5y = 19, whose ordinate is $1\frac{1}{2}$ times its abscissa. **OR** Which of the following points lie on the linear equation 2(x + 1) + 3(y - 2) = 13 ? A(0, $\frac{17}{3}$), B(2,6), C(1,5) and D(5,1).	2
22	Each side of an equilateral triangle is 2 x cm. If x√3 =√48, then find its area.	2
23	Simplify: $\sqrt[4]{81} - 8(\sqrt[3]{216}) + 15(\sqrt[5]{32}) + \sqrt{225}$ **OR** Write 1.3555….. in the form of $\frac{P}{q}$, where p and q are integers, q≠ 0.	2
24	In an isosceles triangle ABC with AB = AC, D and E e points on BC such that B BE = CD. Show that AD = E. 	2
25	If X & Y are respectively the mid points of AB & BC & AX=CY,show that AB=BC	2
	SECTION C	
Q26	In a school canteen, pizza and burgers are available as refreshment. Sumit purchased two pizzas and one burger and paid ₹250. a) Form a linear equation. b) Find two solutions of above equation c) How many solutions are possible for this equation?	3
Q27.	Prove that $\frac{1}{3-\sqrt{8}} - \frac{1}{\sqrt{8}-\sqrt{7}} + \frac{1}{\sqrt{7}-\sqrt{6}} - \frac{1}{\sqrt{6}-\sqrt{5}} + \frac{1}{\sqrt{5}-2} = 5$	3
Q28.	Line l is the bisector of an angle ∠ A and ∠B is any point on l. BP and BQ are perpendiculars from B to the arms of ∠ A. Show that: (i) Δ APB ≅Δ AQB (ii) B is equidistant from the arms of ∠ A.	3

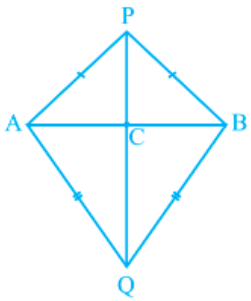
		
Q29.	Find the percentage increase in the area of a triangle, if its each side is doubled.	3
Q30.	Plot $\sqrt{5}$ on the number line. Write Justification. **OR** Plot $\sqrt{9.3}$ on the number line. Write Justification.	3
Q31.	a) Prove that if two lines intersect each other, then the vertically opposite angles are equal.  b) Lines PQ and RS intersect each other at point O. If $\angle POR : \angle ROQ = 5 : 7$, find all the angles. OR The sides AB and AC of ΔABC are produced to points E and D respectively. If bisectors BO and CO of $\angle CBE$ and $\angle BCD$ respectively meet at point O, then prove that $\angle BOC = 90° - \frac{1}{2}\angle BAC$ 	3
SECTION D		
32	The following table gives the distribution of students of 2 students according to the marks obtained by them. SECTION A MARKS / FREQUENCY 0-10 / 3 10-20 / 9 20-30 / 17 30-40 / 12 40-50 / 9 SECTION B MARKS / FREQUENCY 0-10 / 5 10-20 / 19 20-30 / 15 30-40 / 10 40-50 / 1 Represent the marks of the students of both the sections on the same graph by 2 frequency polygons.	5

OR

Draw a histogram and frequency polygon on the same graph for the following data.

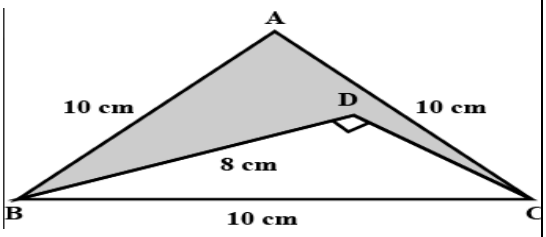
Class Interval	Frequency
150-200	5
200-250	3
250-300	5
300-350	6
350-400	8
400-450	7
450-500	1

33 a) AB is a line-segment. P and Q are points on opposite sides of AB such that each of them is equidistant from the points A and B. Show that the line PQ is the perpendicular bisector of AB. 5

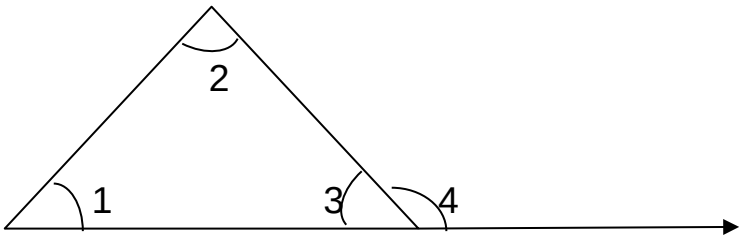


b) Show that the angles opposite to equal sides of an isosceles triangle triangle are equal.

34 In the given figure, , triangle ABC is an equilateral triangle with sides 10cm and triangle DBC is right angled triangle with $\angle D = 90^\circ$. If BD = 6cm, then find the area of the shaded portion. 5



35.	In right triangle ABC, right angled at C, M is the mid-point of hypotenuse AB. C is joined to M and produced to a point D such that DM = CM. Point D is joined to point B (see Fig. 7.23). Show that: i) ΔAMC ≅ ΔBMD ii) ∠DBC is a right angle. iii) ΔDBC ≅ ΔACB iv) CM = 1/2 AB **OR** △ABC and △DBC are two isosceles triangles on the same base BC and vertices A and D are on the same side of BC. If AD is extended to intersect BC at P, show that (i) △ABD≅△ACD (ii) △ABP≅△ACP (iii) AP bisects ∠A as well as △D. (iv) AP is the perpendicular bisector of BC.	5
SECTION E(CASE BASED QUESTIONS)		
36.	Food Pyramid is a representation of the optimal number of servings to be eaten each day from each of the basic food groups. It is designed to make healthy eating easier. Health care NGO in India working for underprivileged children. In rural areas health statistics continue to be poor. In this direction, health care India has made the children under the age of 13 aware of 'food pyramid' by telling the importance of different food groups such as carbohydrates, fats, vitamins etc. The models of the food pyramid which they have used triangles with sides 10cm, 10cm and 12cm. Now answer the following questions: i) Find the semi perimeter of the triangle. ii) Which type of triangle is given in the food pyramid? iii) Find the area of the food pyramid which is in the shape of a triangle. **OR** iii) Find the height of the triangle corresponding to base 12cm.	1 1 2

37	Ashok, a grade 9 student was trying to measure the angles of a triangle using a protractor and is struggling with the same.  He found that the second angle of a triangle is three times as large as the first. The measure of the third angle is double the first angle. Let us help him to answer the following questions. i) What is the value of the first angle? ii) What is the value of the third angle? iii) What is the value of the 2(angle 2)+ 3(angle 4)? **OR** iii)Prove that a pair of VOA's are equal.	 1 1 2
38	Our excessive dependence on motorised road transport imposes significant economic costs on society. These include congestion, road casualties, physical inactivity and ill health caused by it e.g. obesity. Cycling could substantially reduce these risks, while strengthening local economies in both urban and rural areas, supporting local businesses and property values; boosting economic productivity. A bicycle is being lent at fixed charges for the first three days of week and an additional charge of each day thereafter. Mr Sam paid ₹27 for a cycle kept for seven days. If fixed charges are ₹x and per day charges are ₹ y then from the above information answer the following questions: i) Write the linear equation formed . ii) What will be the equation formed if Mr. Sam paid ₹30 for 6 days? iii)If fixed charge is ₹15, find the additional charge paid by Mr. Sam for each extra day. **OR** iii) If per day charge is ₹5, find the fixed charge for first three days .	 1 1 2

N.K. BAGRODIA GLOBAL SCHOOL

Sector-17, Dwarka

MID-TERM EXAMINATION

SAMPLE PAPER

SESSION:2024-25

GRADE-IX

Time Allowed: 3 Hours **Maximum Marks**: 80

General Instructions:

(i) The question paper comprises four sections A, B, C, D and E. There are 39 questions in the question paper. All questions are compulsory.

(ii) Section–A - question no. 1 to 20 - all questions and parts thereof are of one mark each. These questions contain multiple choice questions (MCQs), very short answer questions and assertion - reason type questions. Answers to these should be given in one word or one sentence.

(iii) Section–B - question no. 21 to 26 are short answer type questions, carrying 2 marks each. Answers to these questions should in the range of 30 to 50 words.

(iv) Section–C - question no. 27 to 33 are short answer type questions, carrying 3 marks each. Answers to these questions should in the range of 50 to 80 words.

(v) Section–D – question no. - 34 to 36 are long answer type questions carrying 5 marks each. Answer to these questions should be in the range of 80 to 120 words.

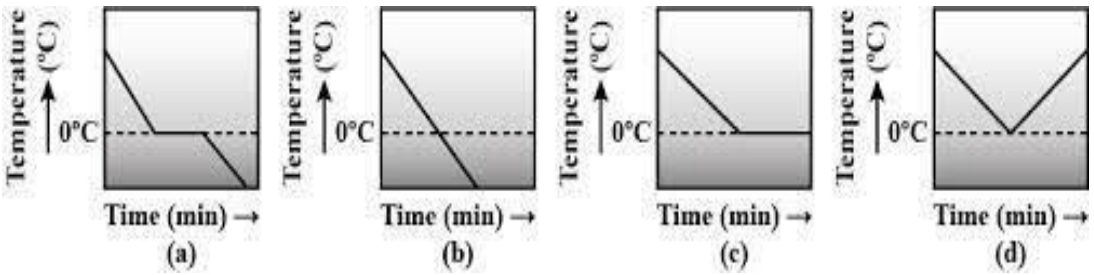
(v) Section–E – question no. - 37 to 39 are source-based/case-based questions carrying 4 marks each with sub-parts.

(vi) There is no overall choice. However, internal choices have been provided in some questions. A student has to attempt only one of the alternatives in such questions.

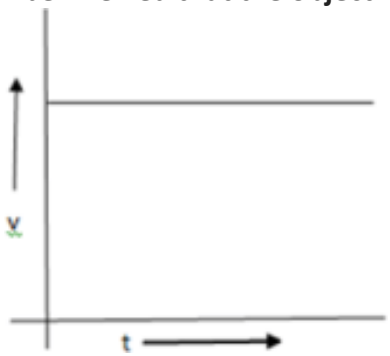
(vii) Wherever necessary, neat, and properly labelled diagrams should be drawn.

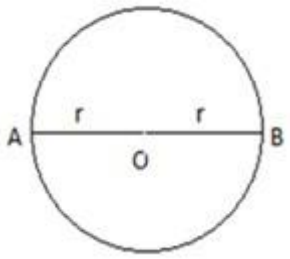
SECTION-A

(Select and write one most appropriate option out of the four options given for each of the questions 1-20)

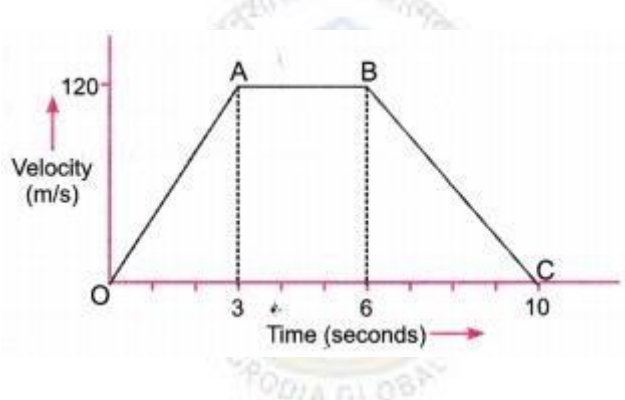
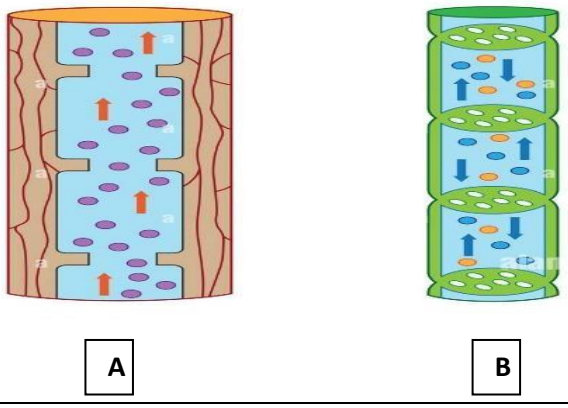
Q1	A few substances are arranged in the increasing order of 'forces of attraction' between their particles. Which one of the following represents a correct arrangement? (a) Water, air, wind (b) Air, sugar, oil (c) Oxygen, water, sugar (d) Salt, juice, air	1
Q2	A glass tumbler containing hot water is kept in the freezer compartment of a refrigerator (temperature < 0°C). If you could measure the temperature of the content of the tumbler, which of the following graphs in the figure would correctly represent the change in its temperature as a function of time? 	1

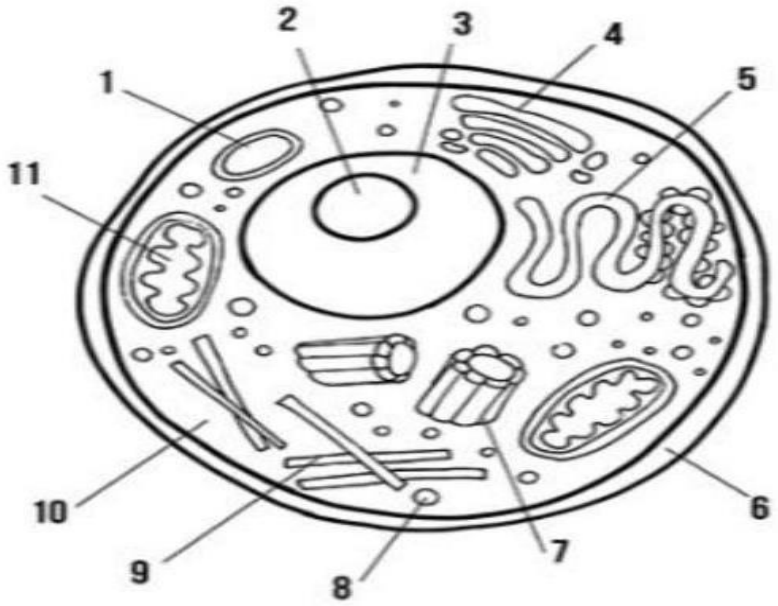
Q3	A mixture of sulphur and carbon disulphide is (a) heterogeneous and shows Tyndall effect (b) homogeneous and shows Tyndall effect (c) heterogeneous and does not show Tyndall effect (d) homogeneous and does not show Tyndall effect.	1
Q4	Two substances, A and B were made to react to form a third substance, A_2B according to the following reaction: $2A + B \rightarrow A_2B$ Which of the following statements concerning this reaction are incorrect? (i) The product A_2B shows the properties of substances A and B. (ii) The product will always have a fixed composition. (iii) The product so formed cannot be classified as a compound. (iv) The product so formed is an element. (a) (i), (ii) and (iii) (b) (ii), (iii) and (iv) (c) (i), (iii) and (iv) (d) (iii) and (iv)	1
Q5	Two chemical species X and Y combine together to form a product P which contains both X and Y $X+Y \rightarrow P$ X and Y cannot be broken down into simpler substances by simple chemical reactions. Which of the following concerning the species X, Y and P are correct? (i) P is a compound. (ii) X and Y are compounds. (iii) X and Y are elements. (iv) P has a fixed composition. (a) (1), (ii) and (iii) (b) (i), (ii) and (iv) (c) (ii), (iii) and (iv) (d) (i), (iii) and (iv)	1
Q6	"10 percent glucose in water by mass" signifies. (a) 10 gram of glucose dissolved in 100 gram of water. (b) 10 gram of glucose dissolved in 90 gram of water. (c) 20 gram of glucose dissolved in 200 gram of water. (d) 20 gram of glucose dissolved in 90 gram of water.	1
Q7	Sol and gel are examples of ——————— (a) Solid-solid colloids (b) Sol is a solid-liquid colloid and gel is liquid-solid colloid (c) Sol is solid- solid colloid and gel is solid-liquid colloid (d) Sol is a liquid-solid colloid and gel is a solid-liquid colloid	1
Q8	If cells of onion peel and RBC are separately kept in hypotonic solution, what will happen to each of them? Explain the reason for your answer. (a) Both the cells will swell. (b) RBC will burst easily while cells of onion peel will resist the bursting to some extent. (c) (a) and (b) both are correct. (d) RBC and onion peel cells will behave similarly.	1

Q9	**Which of the following is/are responsible for storage and mechanical support?** A) Parenchyma B) Xylem C) Collenchyma D) Both [a] and [c]	1
Q10	**Which of the following substances is present in the cell walls of sclerenchyma?** A) Cellulose B) Pectin C) Lignin D) Hemicellulose	1
Q11	Match the following columns. <table><tr><td></td><td>Column I</td><td></td><td>Column II</td></tr><tr><td>A.</td><td>Mitochondria</td><td>1.</td><td>Storage sacs</td></tr><tr><td>B.</td><td>Lysosomes</td><td>2.</td><td>Protein synthesis</td></tr><tr><td>C.</td><td>Vacuoles</td><td>3.</td><td>Power house of the cell</td></tr><tr><td>D.</td><td>Ribosomes</td><td>4.</td><td>Suicidal bags</td></tr></table>A) A-1, B-2, C-3, D-4 B) A-4, B-3, C-2, D-1 C) A-3, B-4, C-1, D-2 D) A-4, B-3, C-1, D-2	1
Q12	**Which of the following best describes Tracheids?** A) They are dead cells B) They are elongated and have pits C) Both [a] and [b] D) None of the above	1
Q13	**From the given v-t graph, it can be inferred that the object is** 	1

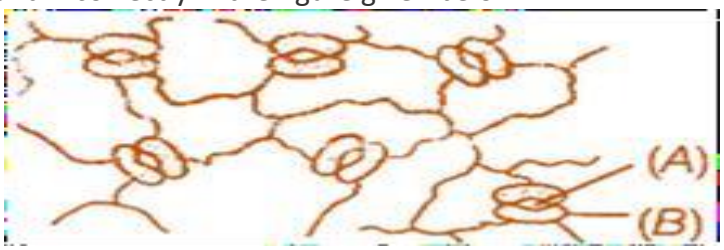
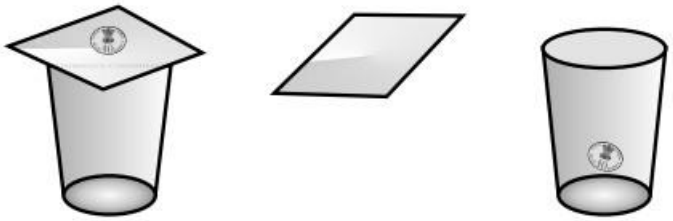
	(a) At rest (b) In uniform motion (c) Moving with uniform acceleration (d) In non-uniform motion	
Q14	Swimming is possible by the: (a) first law of motion(b) second law of motion (c) third law of motion(d) Newtons law of gravitation	1
Q15	When an object is thrown up the force of gravity is (a) opposite to the direction of motion (b) in the same direction as the direction of motion (c) constant (d) increases as it rises	1
Q16	A particle is moving in a circular path of radius r.  The displacement after half a circle would be: (a) Zero (b) πr(c) 2r (d) 2πr	1
For question numbers 17to20, two statements are given- one labeled Assertion (A) and the other labeled Reason (R). Select the correct answer to these questions from the codes (i), (ii), (iii) and (iv) as given below **i) Both A and R are true and R is correct explanation of the assertion.** **ii) Both A and R are true but R is not the correct explanation of the assertion.** **iii) A is true but R is false.** **iv) A is false but R is true.**		
Q17	**Assertion(A)** : Colloidal solutions are stable and the colloidal particles do not settle down. **Reason (R):** Brownian movement counters the force of gravity acting on colloidal particles.	1
Q18	**Assertion (A):** Parenchyma cells help in the storage of food. **Reason (R)** : Parenchyma cells are the main seats of photosynthesis.	1
Q19	**Assertion (A):** An object may have acceleration even if it is moving with uniform speed. **Reason(R):** An object may be moving with uniform speed but it may be changing its direction of motion.	1
Q20	**Assertion (A):** A rocket works on the principle of conservation of linear momentum. **Reason (R):** For two bodies system when there is a change in the momentum of one body, the same change occurs in the momentum of the second body but in the opposite direction.	1

	SECTION-B ***(Q.no. 21 to 26 are very short answer questions.)***	
Q21	Archit dropped a crystal of potassium permanganate into two beakers A and B containing hot water and cold water. He kept the beakers undisturbed for some time. What did he observe and why?	2
Q22	What volume of ethyl alcohol and water must be mixed together to prepare 250 ml of 60% by volume of alcohol in water?	2
Q23	i) Which cell organelle controls most of the activities of the cell? ii) How prokaryotes are different from eukaryotes?	(1+1)
Q24	Food preservation methods often rely on inhibiting or slowing down microbial growth. How does understanding the biology of microbial cells help in developing effective food preservation techniques? Does osmosis play any role here?	2
Q25	A particle is pushed along a horizontal surface in such a way that it starts with a velocity of 12m/s. Its velocity decreases at a uniform rate of $0.5 m/s^2$. (a) Find the time it will take to come to rest. (b) Find the distance covered by it before coming to rest. **OR**	1+1
Q25	A cyclist moving on a circular track of radius 50m completes one revolution in 4 minutes. What is his (a) average speed (b) average velocity in one full revolution?	2
Q26	A group of students completed the project of finding the botanical names of all the trees present in the school campus. They prepared metal plates with names carved on it, to fix it on the plant trunks. Shreya was concerned that if the metal plate is fixed into the tree many cells of the tree may get damaged. But the group members explained to her that the outer layer of the trunk does not have living cells and there won't be any damage to the tree. (a) What type of cells are present on the outer layer of the bark/tree trunk? (b) How does the cork act as a protective tissue?	2
	SECTION-C ***(Q.no. 27 to 33 are short answer questions.)***	
Q27	Why the inter conversion of states of matter is considered as a physical change? Give three reasons to justify your answer.	3
Q28	Answer the following: a) What temperature in Kelvin scale is equal to -50^o Celsius? b) Ice at 0^oC appears colder to the mouth than water at 0^oC. Why? c) Why Kelvin scale is regarded as better than Celsius scale of temperature? **OR** a) Give any one point difference between true solution, colloidal solution and suspension. b) 20g of sodium chloride is dissolved in 100ml of water. How will you test whether the given solution is saturated or unsaturated at the given temperature? c) Suggest any one method by which we can increase the solubility of saturated solutions.	3
Q29	a. Where will you find more number of ribosomes in cancer cells or in fat cells?	(1+2)

Q29	b. Why does the skin of your finger shrink when you wash clothes for a long time? **OR** a. Why is endocytosis found in animals only? b. How is a bacterial cell different from onion peel?	(1+2)
Q30	(a) When do the distance and displacement of a moving object have the same magnitude? (b) The brakes applied to a car produce an acceleration of 6 ms^{-2} in the opposite direction to the motion. If the car takes 2s to stop after the application of brakes, calculate the initial velocity and distance it travels during this time.	1+2
Q31	(a) A bullet fired against a glass window pane makes a hole in it, and the glass pane is not cracked. But on the other hand, when a stone strikes the same glass pane, it gets smashed. Why is it so? (b) A force of 5 N produces an acceleration of 8 ms^{-2} on a mass m_1 and an acceleration of 24 ms^{-2} on a mass m_2. What acceleration would the same force provide if both the masses are tied together? **OR** (a) Why does a cricket player move his hand backward while catching the ball? (b)The velocity-time graph of an object of mass m = 50 g is shown in figure. Observe the graph carefully and answer the following questions.  (i) Calculate the force on the object in time interval 0 to 3 s. (ii) Calculate the force on the object in the time interval 6 to 10 s.	1+2 1+2
Q32	(a) The earth attracts an apple. Does the apple also attract the earth? If it does, why does the earth not move towards the apple? (b) Mention any four phenomena that the universal law of gravitation was able to explain.	1+2
Q33	 	3

	i) Identify A & B. (1) ii) Write a short note on their structure & function. (2)	
	SECTION-D ***(Q.no.34 to 36 are Long answer questions.)***	
Q34	i) Give reason for the following: a) Why do we see droplets of water on the outer surface of a glass containing ice cold water. b) After a hot sunny day, people sprinkle water on the roof or open ground. ii) Water is element, compound or mixture. Justify your statement. iii) The sea water can be classified as a homogeneous as well heterogeneous mixture. Comment. iv) Alka was making a tea in a kettle. Suddenly, she feels intense heat from the puff of steam gushing out of the spout of the kettle. She wondered whether the temperature of the steam was higher than that of the water boiling in the kettle. Comment.	5
Q35	Explain in brief state what happens when: (a) Dry apricots are left for some time in pure water and later transferred to sugar solution? (b) A red blood cell is kept in concentrated saline solution? (c) The plasma membrane of a cell breaks down? (d) Rheo leaves are boiled in water first and then a drop of sugar syrup is put on it? (e) Golgi apparatus is removed from the cell? **OR** Identify and Label any 8 parts in the diagram given below. Write the function of any two parts. (4,1)  	5

Q36	(a) What happens to the magnitude of the force of gravitation between two objects if (i) the distance between the object is tripled? (ii) Mass of both objects is doubled? (iii) Mass of both objects as well as distance between them is doubled? (b) State Newton's Universal law of gravitation and deduce the expression for Gravitational Force. **OR** (a) State two factors in which the gravitational force between two objects depends. (b) What happens to the magnitude of the force of gravitation between two objects if (i) the distance between the object is reduced to half? (ii) Mass of both the objects is quadrupled? (iii) Mass of both objects as well as distance between them is tripled?	3+2 2+3
	SECTION-E ***(Q.no.37 to 39 are case-based/data-based questions with 2 to 3 short sub-parts. Internal choice is provided in one of these sub-parts.)***	
Q37	During an experiment the students were asked to prepare 10% (Mass/Mass) solution of sugar in water. Ramesh dissolved 10g of sugar in 100g of water while Sarika prepared it by dissolving 10g of sugar in water to make 100g of the solution. a) Are the two solutions of the same concentration? (1) b) Compare the mass percentage of two solutions. (2) c) Who prepared the solution correctly? Give reason to justify your answer. (1) **OR** c) Ramesh also prepared 0.01% (by mass) solution of sodium chloride in water. Mention the composition of solute and solvent to make 0.01% of solution.	4
Q38	**Read the passage given below and answer the questions from [1] to [3].** Meristematic tissue contains undifferentiated cells which are the building blocks of specialized plant structures. Cells forming this tissue are very active and have dense cytoplasm, thin cellulosic walls, and prominent nuclei. The new cells produced by meristem are initially like those of meristem. 1. Identify P, Q & R and write which region is responsible for increasing the girth of plant. (2) 2. Which of the following is not a defining property of meristem? (1) A) Contains undifferentiated cells B) They exhibit the property of food storage C) The meristem has a quality of self-renewal D) They have a single, large and prominent nucleus	4

	3. Identify A and B correctly in the figure given below. (1)  **OR** Coconut husk can float in water. Which tissue is responsible for that?	
Q39	**Read the following and answer the following questions.** In the figure below the card is flicked with a push. It was observed that the card moves ahead while coin falls in glass.  (i) Which Newton's law involved in this case. (ii) Name and state the law of which provides the definition of force. (iii) Define Inertia. (iv) Which one has greater inertia: a one-rupee coin or five-rupee coin. Give reason. **OR** (iv) On which factors does inertia depend?	1x4=4

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Session: 2024-25
HALF-YEARLY
sample paper

SUBJECT: SOCIALSCIENCE MAX. MARKS: 80
CLASS: IX DURATION: 3 Hr

General Instructions:

- Read all the questions carefully.
- The question paper is divided into four sections - Section A, Section B, Section C, Section D, Section E, Section F.
- There are 37 questions in the question paper. All are compulsory.
- Section-A: Question no 1 to 20 are Multiple Choice type questions of 1 mark each.
- Section B: Question no 21 to 24 are very short answer type questions of 2 mark each.
- Section C: Question no 25 to 29 are short answer type questions, Carrying 3 marks each. Answer to each questions should not exceed 60 words.
- Section D: Question no 30 to 33 are Long answer type questions, Carrying 5 marks each. Answer to each questions should not exceed 120 words.
- Section E: Question no 34 to 36 are Case based/Source based questions with sub questions and are 4 marks each.
- Section F: Questions number 37 is a map question of 5 marks with two parts-37(i) from History (2 marks) and 37(ii) from Geography (3 marks).

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SECTION-A

1. The word democracy has been derived from which word and of which language? (1)

A Both demos and kratia

B Demos

C Cratia

D Ritia

2. In which state have the land reform measures helped to reduce poverty?

A Tamil Nadu

B Punjab

C West Bengal

D Kerala

3. Arrange the following events in chronological order: (1)

i) Women in France won the right to vote.

ii) Slavery was abolished in French colonies.

iii) Jacobins planned an insurrection.

iv) The storming of the Bastille.

A i, ii, iv, iii

B iii, iv, i ,ii

C iv, iii, ii, i

D ii, i, iv, iii

4. Which of the following is not part of the eastward extension of The Central Highlands? (1)

A. Bundelkhand
B. Aravalis
C. Chota Nagpur Plateau
D. Baghelkhand

5. What type of unemployment is prevalent in rural areas? (1)

A None of these

B Educated and Structural unemployment

C Frictional and Educated unemployment

D Seasonal and disguised unemployment

6. Castle or stately residence belonging to a king or a nobleman is called as? (1)

A Souvenir

B Chateau

C Manor

D Emancipation

7. Which of the following river's tributaries has been defined below: (1)

"All the tributaries of this river are very short and most of these join the main stream at right angles. River's basin covers part of Madhya Pradesh and Gujarat."

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A. Krishna

B. Tapti

C. Kaveri

D. Narmada

8. Who propounded the idea of a communist society? (1)

A Karl Marx

B Robert Owen

C Rousseau

D Napoleon

9. What was the secret police of Russia called? (1)

A Cheka

B Soviet

C Duma

D Comintern

10. The following image was painted by Le Barbier to convey the content of the Declaration of Rights. What does the image represent? (1)

A The law is the same foe all, and all are equal before it.

B The act of becoming free

C Personification of the law

D Strength lies in Unity

In the questions given below, there are two Statements marked as Assertion (A) and Reason (R). Read the Statements and Choose the correct option: Options are:

(A) Both (A) and (R) are true and (R) is the correct explanation of (A).

(B) Both (A) and (R) are true but (R) is not the correct explanation of (A).

(C) (A) is correct but (R) is wrong.

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(D) (A) is wrong but (R) is correct.

11. Assertion (A): Constitution lays down how different organs of the government will be formed.

Reason (R) : A constitution is about institutions, not about values. (1)

(A) Both (A) and (R) are true and (R) is the correct explanation of (A).

(B) Both (A) and (R) are true but (R) is not the correct explanation of (A).

(C) (A) is correct but (R) is wrong.

(D) (A) is wrong but (R) is correct

12. ASSERTION: Brahmaputra marks the easternmost boundary of the Himalayas. (1)
REASON: Purvanchal comprises Garo, Khasi and Jaintia hills.

(A) Both (A) and (R) are true and (R) is the correct explanation of (A).

(B) Both (A) and (R) are true but (R) is not the correct explanation of (A).

(C) (A) is correct but (R) is wrong.

(D) (A) is wrong but (R) is correct

13. Assertion: Poverty is only about income levels. (1)
Reason: Poverty also involves deprivation of basic needs such as food, water, shelter, and education.

14. Which among the following Act was passed by the Government of India in 2005 to ensure minimum 100 days employment in rural area? (1)

A Let's go to school

B Food for work

C Mahatma Gandhi National Rural Employment Guarantee Act

D Prime Minister Rozgar Yojna

15. Match these guiding values with their meanings. (1)

A. Secular	(i.) Wealth is generated socially and should be shared equally by society.
B. Republic	(ii.) Citizens have complete freedom to follow any religion.
C. Fraternity	(iii.) Head of the state is an elected person.
D. Socialist	(iv.) There should be a feeling of brotherhood among all the people.

a. A-(iii.), B-(i.), C-(ii.), D-(iv.)

b. A-(ii.), B-(iii.), C-(iv.), D-(i.)

c. A-(i.), B-(iv.), C-(iii.), D-(ii.)

d. A-(iv.), B-(iii.), C-(i.), D-(ii.)

16. When on election duty, under whose control does the government officers work? (1)

A. Central Government

B. Election Commission

C. District Magistrate

D. District Court

17. Which of the following statements is true regarding the administration in the Pre-independence era of India? (1)

A Country was divided into states and union territories.

B States were ruled directly by the British officials.

C British officials were appointed directly by the Viceroy.

D Union territories were ruled by the local, hereditary rulers.

18. Domestic work by house wife is a_____activity. (1)

(a) Economic

(b) Noneconomic

(c) Both of them

(d) None of the above

19. Disguised unemployment occurs when the number of persons working on a farm is (1)
(a) only what is required
(b) more than required
(c) less than required
(d) None of the above

20.

Choose the correct depiction of the cartoon.

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A) Power of voters during the elections.

B) Treatment of voters during and post the elections.

C) Leaders pleading voters during the election and voters lost in politics after the elections.

D) All of the above

SECTION- B

(Very Short Answer Questions)

21. Explain how investment in education creates the virtuous cycle of human development. (2)

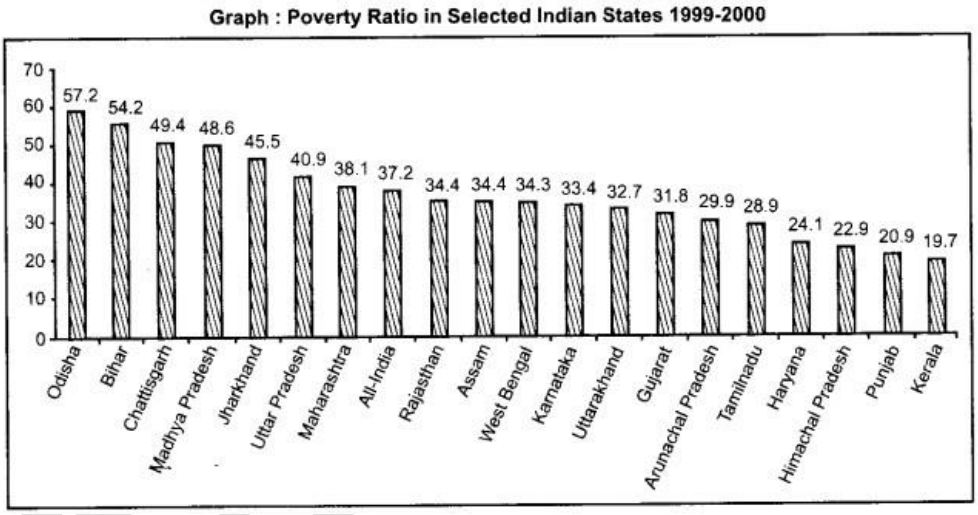
OR

Explain the ways of investment of Human Resources that can give high returns in future.

22. What was the Convention? Describe its role in France. (2)

23. What does 'one person, one vote, one value' mean? Name the countries who deny the equal right to vote.

24. Study the given bar graph carefully, and answer the following questions (2)



Source: Economic Survey 2001-02, Ministry of Finance, Government of India.

(i) Identify the three states where the poverty ratio is the highest.

(ii) Identify the three states where poverty ratio is the lowest.

SECTION- C

(Short Answer Questions)

25. Give a brief account of "The coastal plains". (3)

OR

"Trans-Indian Oceanic routes provide a central strategic location to India." How?

26. How did the 1905 Revolution in Russia prove to be a dress rehearsal of October 1917 Revolution? Explain. (3)

OR

Distinguish between the ideas of liberals and the radicals.

27. What are the various functions of a Constitution? (3)

28. How does democracy enhance the dignity of the citizens? (3)

29. What is the difference between economic activities and non-economic activities? (3)

SECTION- D

(Long Answer Questions)

30. State economic benefits of rivers and lakes. Give examples for each to support your points. (5)

31. What do you mean by Directory? Why was it removed from France? (5)

32. How can you say that the outcome of elections is a final test of free and fair elections? Explain

(5)

33. Explain some measures which have been taken by the government to remove poverty. (5)

OR

What is unemployment? What kind of unemployment found in India? Explain any two of them.

SECTION- E

(Case Based/Source Based Question)

34. Read the source given below and answer the questions that follow:

Nelson Mandela was tried for treason by the white South African government. He and seven other leaders were sentenced to life imprisonment in 1964 for daring to oppose the apartheid regime in his country. He spent the next 28 years in South Africa's most dreaded prison, Robben Island. Apartheid was the name of a system of racial discrimination unique to South Africa. The white Europeans imposed this system on South Africa. During the seventeenth and eighteenth centuries, the trading companies from Europe occupied it with arms and force, in the way they occupied India. But unlike India, a large number of 'whites' had settled in South Africa and became the local rulers. The system of apartheid divided the people and labelled them on the basis of their skin colour. The native people of South Africa are black in colour. They made up about three-fourth of the population and were called 'blacks'. Besides these two groups, there were people of mixed races who were called 'coloured' and people who migrated from India. The white rulers treated all non whites as inferiors. The non-whites did not have voting rights. The apartheid system was particularly oppressive for the blacks. They were forbidden from living in white areas. They could work in white areas only if they had a permit. Trains, buses, taxis, hotels, hospitals, schools and colleges, libraries, cinema halls, theatres, beaches, swimming pools, public toilets, were all separate for the whites and blacks. This was called segregation. They could not even visit the churches where the whites worshipped. Blacks could not form associations or protest against the terrible treatment. Since 1950, the blacks, coloured and Indians fought against the apartheid system. They launched protest marches and strikes. The African National Congress (ANC) was the umbrella organisation that led the struggle against the policies of segregation. This included many workers' unions and the Communist Party. Many sensitive whites also joined the ANC to oppose apartheid and played a leading role in this struggle. Several countries denounced

apartheid as unjust and racist. But the white racist government continued to rule by detaining, torturing and killing thousands of black and coloured people.
Answer the following MCQs by choosing the most appropriate option:

34.1 On what charges was Nelson Mandela sentenced to life imprisonment? (1)

a. For treason
b. For breaking the laws
c. For corruption charges
d. All of the given

34.2 Apartheid in South Africa was discrimination on the basis of_____. (1)

a. gender
b. religion
c. race
d. economic status

34.3 What is meant by apartheid? How was it oppressive for the blacks? (2)

35. On Sunday, 25th February, the government suspended the Duma. Politicians spoke out against the measure. Demonstrators returned in force to the streets of the left bank on the 26th. On the 27th, the Police Headquarters were ransacked. The streets thronged with people raising slogans about bread, wages, better hours and democracy. The government tried to control the situation and called out the cavalry once again. However, the cavalry refused to fire on the demonstrators. An officer was shot at the barracks of a regiment and three other regiments mutinied, voting to join the striking workers. By that evening, soldiers and striking workers had gathered to form a 'soviet' or 'council' in the same building as the Duma met. This was the Petrograd Soviet. The very next day, a delegation went to see the Tsar. Military commanders advised him to abdicate. He followed their advice and abdicated on 2 March. Soviet leaders and Duma leaders formed a Provisional Government to run the country. Russia's future would be decided by a constituent assembly, elected on the basis of universal adult suffrage. Petrograd had led the February Revolution that brought down the monarchy in February 1917.

Answer the following MCQs by choosing the most appropriate option:

35.1 When did the government suspend the Duma? (1)

(A) 26th February
(B) 25th February
(C) 28th February
(D) 27th February

35.2 Explain the Russian February Revolution 1917. (2)

35.3 The Tsar was advised by (1)

(A) Ministers
(B) Cavalry

(C) Military commanders
(D) None of the above

36 On the basis of the source below answer the questions based on it:

"India is the seventh largest country in the world. India has a land boundary of about 15,200 km and the total length of the coastline of the mainland, including Andaman and Nicobar and Lakshadweep,is 7,516.6 km. India is bounded by the young fold mountains in the northwest, north and northeast. South of about 22° north latitude, it begins to taper, and extends towards the Indian Ocean, dividing it into two seas, the Arabian Sea on the west and the Bay of Bengal on its east.The Latitudinal and longitudinal extent of the mainland is about 30°. Despite this fact, the east-west extent appears to be smaller than the north-south extent. From Gujarat to Arunachal Pradesh,there is a time lag of two hours. Hence, time along the Standard Meridian of India (82°30'E) passing through Mirzapur (Uttar Pradesh) is taken as the standard time for the whole country. The latitudinal extent influences the duration of day and night, as one moves from south to north."

36.1 Name any four countries larger than India. (0.25×4)

36.2 What is the Standard meridian of India and through which location it passes in India? (0.5×2)

36.3. What is the significance of India's vast coastline? (2)

37.1 On an outline map of the world, two nations A and B are marked. These are Allied powers that participated in the First World War. Identify these countries and write their correct names on the lines marked on the map. (2)

37.2 13. Mark and label the following on physical map of India. (3)

a. Highest peak of Western ghats

b. On the given map identify "Dakshin Ganga"

c. Eastern Ghats

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Sample Paper

SUBJECT: French **MAX. MARKS: 80**
CLASS: IX **DURATION: 3 Hrs**

General Instructions:

- Read all the questions carefully.
- Marks are indicated against every question.
- Attempt all parts of the question together.
- This question paper comprises of four sections – A, B, C, D

SECTION – A(Compréhension) 10 MARKS

1. Lisez bien le texte et répondez aux questions qui suivent :

Un grand rôle de la télévision dans la vie quotidienne

Le téléviseur est devenu un article indispensable (essential) dans une salle de séjour. Plus de 90% des familles indiennes ont un poste de télévision. Toute la famille s'assied (sits) ensemble pour regarder des chaînes (channels) variées. De nos jours, on dîne dans la salle de séjour, et pendant le week-end on déjeune aussi devant le petit écran (small screen). La télévision offre les émissions pour tous âges. Il y a des journaux télévisés, des feuilletons (daily soaps), des dessins animés (cartoons), des émissions (shows) de variétés, des émissions sportives, des émissions politiques, des films et aussi des documentaires informatifs. Aujourd'hui la télévision est devenue une drogue. On passe plus de trois heures par jour devant le téléviseur. À la télé, les émissions préférées ne sont pas les émissions d'actualité et les documentaires. On cherche surtout (mainly) à se distraire (fun). On regarde surtout les films et les variétés. Les gens ont tort. Il vaut mieux choisir ses programmes.

La famille Lenoir dîne ensemble dans la salle de séjour mais pas devant le petit écran. M. Lenoir aime bien regarder la télé. Au contraire, Mme Lenoir préfère raconter sa journée pendant le dîner. C'est le seul (only) moment où tous les membres de la famille se retrouvent après une journée intense. Ils dînent paisiblement (peacefully). Mme Lenoir

empêche (prevents) ses enfants de regarder les émissions. Après le dîner, les Lenoir passent la soirée devant le téléviseur. Mais chacun (each) a sa préférence. Émilie aime la cinquième : une chaîne éducative et Roger adore les dessins animés. Mme Lenoir préfère les feuilletons de M6. M. Lenoir veut voir un film sur «Canal+». Il n'y a qu'poste de télévision pour toute la famille. Donc, ils font du zapping (surfing), c'est-à-dire changer chaînes.

A. Répondez: (3 au choix)

i. Pourquoi la télévision est devenue une drogue?
ii. Citez deux chaînes populaires de France.
iii. Quels genres d'émissions peut-on voir à la télé?
iv. Que veut dire « zapper » ?

B. Complétez les phrases avec un/des mot(s) du texte :(3 au choix)

i. Ces_____ sont très informatifs.
ii. Les enfants aiment regarder les _____
iii. _____ les vacances, je vais à Bali.
iv. Il lit le _____ .

C. Trouvez dans le texte :(4 au choix)

i. Deux adjectifs
ii. Un autre mot pour « petit écran »
iii. Le contraire de « derrière »
iv. Un verbe infinitif
v. Deux prépositions

Section B (Expression écrite) 20 marks

2. Faites un des choix:

a. Écrivez une lettre de 80 mots à votre ami(e) français(e) en lui disant à propos de votre ville et ses spécialités.

OU

b. Écrivez une lettre de 80 mots à votre cousin(e) en lui invitant pour passer les vacances prochaines avec toi en Inde. 10

3. Faites deux des questions suivantes:

a. Votre ami(e) vous a invité à aller à Disneyland mais vous ne pouvez pas y aller. Écrivez un message de refus et donnez la raison de votre absence. 5

Ou

b. Décrivez l'image à l'aide des expressions données. (6-8 lignes)

(verre d'eau, du pain, heureux, les assiettes, se tenir les mains, plante, les tasses de thé)

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ou

C. Mettez le dialogue en ordre : **5**

- Est-ce vrai ? Pourquoi ?
- Allons au restaurant ce soir, Min Chin ! Nous mangerons des burgers et des chips.
- Et c'est pourquoi tu es en pleine forme ! Tu as raison, Min Chin !
- Je suis désolée Maryam ! Je ne mange plus de fast-food !
- Parce que le fast-food n'est pas bon pour la santé. Je mange des légumes et des fruits.

Section C (Grammaire) 30 MARKS

4. Mettez les verbes au temps convenable : (5 au choix) **5**

a. Hier soir, nous _____(rentrer) de l'Espagne.

b. _____ (avoir) un peu confiance en dieu (god), mes enfants !

c. Je _____ (gagner) à la loterie, ça fait quinze minutes.

d. Tu _____(se coucher) dans cinq minutes.

e. Demain soir, on _____ (ne pas être) à la maison.

f. Le week-end dernier, elles _____(s'amuser) beaucoup à la boum.

g. Est-ce que vous _____(dire) la réalité ?

5. Faites un des choix : **5**

A. Complétez avec les articles convenables. (5 au choix)

i. Je ne mange pas _____champignons.

ii. Avez-vous _____ imperméable ?

iii. _____méditation est bonne pour la santé (health).

iv. Les fleurs _____ jardin sont belles.

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v. Elle a _____courage.

vi. Lucie mange un paquet _____biscuits.

ou

B. Utilisez les bons adjectifs interrogatifs dans les phrases données. (5 au choix)

i. _____temps fera-t-il demain?

ii. Nous allons à _____endroits?

iii. _____chanson est ta préférée?

iv. Tu prends _____itinéraire?

v. _____belles peintures!

vi. _____colis cherchez-vous?

6. Remplacez les tirets (dashes) avec les adjectifs démonstratifs. (5 au choix) **5**

a. Il n'y a pas assez de sucre dans_____thé.

b. _____moto est de mon voisin.

c. Elle n'a pas compris_____questions.

d. _____radio ne marche plus.

e. _____explication n'est pas compréhensible (understandable).

f. _____Nous avons déjà parlé à homme.

7. Remplissez les blancs avec les adjectifs possessifs. (5 au choix) **5**

a. Tu as monté _____bagage ?

b. Elle a perdu _____ portable dans le stade.

c. Nathalie et moi, avons préparé _____repas.

d. Avez-vous reçu _____lettres ?

e. Je veux voir _____résultats.

f. Le scientifique travaille sur _____nouvelle mission.

8. Répondez négativement aux questions suivantes : (5 au choix) **5**

a. Est-ce que Sylvie a encore des difficultés en orthographe (spelling)?

b. Prends-tu une glace ou une tarte ?

c. Avez-vous déjà nettoyé votre chambre ?

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d. Est-ce qu'elle ira quelque part ce week-end ?

e. Utilisez-vous toujours un ascenseur (lift) ?

f. Est-ce qu'il y a quelque chose de bizarre (strange) dans cette salle ?

9. Posez la bonne question : (5 au choix) **5**

a. La famille va à la gare.

b. Elle prend des médicaments parce qu'elle est malade.

c. C'est M. Pierre.

d. La lampe est en verre.

e. Je reviens de la plage à 7h.

f. Il y a dix filles dans cette salle.

Section D- (Culture et Civilisation) 20 MARKS

10. Répondez aux questions : (5 au choix) **10**

a. Énumérez quatre objets d'un sac.

b. Que ça va dire la SNCF?

c. Où se trouve la Manche ?

d. Qu'est-ce que la marionnette au théâtre de guignol représente ?

e. Ecrivez deux reliefs français.

f. Les français, que mangent-ils au dîner ?

11. Dites vrai ou faux: (5 au choix) **5**

a. Tout le Monde est un journal français.

b. La Corse est une petite île au nord de la France.

c. Les Champs-Élysées est la plus belle avenue de Paris.

d. Le potage n'est pas un dessert.

e. Le Luxembourg est un pays voisin de la France.

f. L'OMS est une organisation de la sécurité.

12. Remplissez les blancs avec les mots suggérés : (5 au choix) **5**

(Auroville/ mondiale / été/ mannequin /vitraux / Mexique)

a. On porte des vêtements chauds (warm) en _____.

b. Il faut aller à Pondichéry pour visiter _____ " "

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c. Les temples aztèques se trouvent au _____ .

d. Les touristes visitent la Basilique de Fourvière pour découvrir ses mosaïques, _____ et marbres.

e. OMS est l'Organisation _____de la santé.

f. Naomi Campbell est un _____ célèbre.

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PA II SAMPLE PAPER

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CLASS: IX

MAX. MARKS: 80
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निर्देशाः - अस्मिन् प्रश्नपत्रे चत्वारः खण्डाः सन्ति।

- प्रतिखण्डम् उत्तराणि पृथक् प्रदत्तायाम् उत्तरपुस्तिकायां लेखनीयानि ।
- प्रत्येकं खण्डम् अधिकृत्य उत्तराणि क्रमेण लेखनीयानि ।
- प्रश्नसङ्ख्या प्रश्नपत्रानुसारेण लेखनीया।
- प्रश्नपत्रे उत्तराणि न लेखनीयानि ।
- खण्डनाम अपि लेखनीयम् ।

'क' भागः

अपठितावबोधनम् **(10 अङ्काः)**

1. अधोलिखित गद्यांश पठित्वा प्रदत्तप्रश्नानाम् उत्तराणि संस्कृतेन लिखत –

अधुना सम्पूर्ण-भारतदेशे प्रदूषणम् एका गभीरा समस्या वर्तते। प्रदूषणस्य त्रयः प्रकाराः सन्ति । जलप्रदूषणं, वायुप्रदूषणं ध्वनिप्रदूषणं च । अद्यत्वे जनाः भौतिकसाधनैः सम्पन्नं जीवनं जीवितुम् इच्छन्ति । एतस्य कृते जनाः निर्भीकाः भूत्वा प्रकृतिं प्रति अत्याचारं कुर्वन्ति । जनाः वृक्षारोपणं तु न कुर्वन्ति परन्तु वृक्षाणां छेदनं अवश्यम् एव कुर्वन्ति। यन्त्रालयानां निर्माणं तीव्रगत्या भवति । वाहनानां सङ्ख्या अपि प्रतिदिनं वर्धते एव | यस्मात् कारणात् यन्त्रालयेभ्यः वाहनेभ्यः निर्गताः विषमिश्रितरसायनपदार्थाः, धूमाः ध्वनयः च सम्पूर्णं वातावरणं प्रदूषितं कुर्वन्ति । प्रदूषण-कारणात् बालाः वृद्धाः युवानः युवतयः च रोगग्रस्ताः भूत्वा समयात् पूर्वमेव मृत्युं प्राप्नुवन्ति। वयम् एतस्याः समस्यायाः समाधानं मिलित्वा एव कुर्याम अस्माकं मनसि 'सर्वे भवन्तु सुखिनः' इति भावना भवेत्।

अ. एकपदेन उत्तरत - (केवलं प्रश्नद्वयम्) 1x2=2

(i) केषां निर्माणं तीव्रगत्या भवति ?

(ii) के प्रकृतिं प्रति अत्याचारं कुर्वन्ति ?

(iii) कुत्र प्रदूषणम् एका गभीरा समस्या वर्तते ?

आ. पूर्णवाक्येन लिखत - (केवलं प्रश्नद्वयम्) 2x2=4

(i) जनाः कीदृशं जीवनं जीवितुम् इच्छन्ति ?

(ii) के वातावरणं प्रदूषितं कुर्वन्ति ?

(iii) अस्माकं मनसि कीदृशी भावना भवेत् ?

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इ. अस्य अनुच्छेदस्य कृते उपयुक्तं शीर्षकं संस्कृतेन लिखत | 1

ई. यथानिर्देशम् उत्तरत (केवलं प्रश्नत्रयम्) 1x3-3

(i) 'निर्भीकाः' इति पदस्य विशेष्यपदं किम् अस्ति ?

(क) प्रकृतिम् (ख) सर्वे (ग) जनाः

(ii) "जनाः भौतिकसाधनैः सम्पन्नं जीवनं जीवितुम् इच्छन्ति |" अत्र क्रियापदं किम् ?

(क) जीवितुम् (ख) इच्छन्ति (ग) भौतिकसाधनैः

(iii) 'कुर्याम' इति क्रियापदस्य कर्तृपदं किम् ?

(क) जनाः (ख) वयम् (ग) अस्माकं

(IV) 'दुखिनः' इति पदस्य विलोमपदं गद्यांशे किं प्रयुक्त ?

(क) युवानः (ख) ध्वनयः (ग) सुखिनः

'ख' भागः

रचनात्मकं कार्यम् (15 अङ्काः)

2. सन्तुलितभोजनं खादितुं पुत्रं प्रति अधोलिखितं पत्रं मञ्जूषायां प्रदत्तैः पदैः पूरयित्वा पुनः लिखत- 1/2x10=5

बी. 4/15 रूपनगरम्
(i).....
तिथिः ...../...../.....
प्रिय पुत्र अनुज
(ii)..... |
मया तव मात्रा लिखितं पत्रं (iii).....| पत्रेण ज्ञातं यत् भवान् संतुलितं भोजनं न खादति एतत् तु न उचितम्। यदि भवान् (iv)....., मध्याह्ने, सायङ्काले, सर्वदा 'चाउमीन' एव खादिष्यति तदा शरीरं (v)..... एव भविष्यति | अतः 'चाउमीन' इति (vi) ..... परित्ज्य हरितशाकादीनां (vii)..... कुरु | एतेन (viii) ..... हृष्टं-पुष्टं भविष्यति | भवान् अवश्यम् एव एतस्य उपरि (ix) ..... करिष्यति इति अहं जानामि |

भवतः (x).....|

राजेन्द्रः

मञ्जूषा – [दुर्बलम्, सेवनम्, सुभाशिषः, विचारं ,पिता, भोजनम्, प्रातः, शरीरम्, देहलीनगरात्, प्राप्तम्]

3. प्रदत्तं चित्रे दृट्वा मञ्जूषायां प्रदत्तशब्दानां सहायतया पञ्च वाक्यानि संस्कृतेन लिखत-1x5=5

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मञ्जूषा – प्रसीदति, दत्तचित्तः, आदर्शः, पितुः, चरणस्पर्शम्, कापाटिकायाम्, उपरि, पुस्तकानि ।

अथवा

मञ्जूषाप्रदत्तशब्दानां साहाय्येन निम्नलिखित विषयम् अधिकृत्य न्यूनातिन्यूनं पञ्चभिः संस्कृतवाक्यैः एकम् अनुच्छेदं लिखत - 1x5=5

"गङ्गानदी"

मञ्जूषा – [अस्माकम्, पूजयन्ति, अतिश्रेष्ठा, हिमालयात्, वाराणसी, सभ्यता-संस्कृति, पतति भारतवर्षस्य, पूजनीया, देववत्, अस्ति]

4. मञ्जूषायाः सहायतया अधोलिखितं संवादं पूरयत – **1x5=5**

माता - हे देवेश ! किं त्वं जानासि यत् हिन्दूनां प्रमुखः उत्सवः कः अस्ति ?

पुत्रः - आम्, (i) .....|

माता – पुत्र! किमर्थं मान्यते अयम् उत्सवः ?

पुत्रः - (ii) .....|

माता - त्वया उचितम् उक्तम् । अस्मिन् दिने जनाः किं कुर्वन्ति ?

पुत्रः - (iii) .....|

माता - (iv) .....|

पुत्रः – रात्रौ लक्ष्मीपूजनं भवति |

माता - यथा सरस्वती विद्यायाः देवी, तथा लक्ष्मीः कस्य देवी ?

पुत्रः – मातः ! (v) .....|

माता - शोभनम्, अधुना शयनं कुरु ।

मञ्जूषा

1. दीपावल्यां रात्रौ किं भवति ?
2. लक्ष्मीः धनस्य देवी अस्ति ।
3. दीपावलिः हिन्दूनां प्रमुखः उत्सवः अस्ति ।
4. अस्मिन् दिने श्रीरामचन्द्रः अयोध्याम् आगच्छत्।
5. अस्मिन् दिने जनाः स्वगृहाणि भूषयन्ति। दीपकान् प्रज्वालयन्ति ।

अथवा

मञ्जूषायाः सहायतया अधोलिखितां कथां पूरयित्वा पुनः लिखत – **1/2x10=5**

श्रीरामचन्द्रस्य (i)..... च युद्धं जातम् | ब्रह्मास्त्रेण रावणः मृतः श्रीरामः विभीषणम् उक्तवान्- "विभीषण! रोदनं मास्तु । रावणः (ii).....प्राप्तवान् अस्ति । इदानीं शवसंस्कारस्य समयः । विभीषणः उक्तवान् "भगवन् ! रावणः पापी,

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(iii)....., दुष्टः च | अतः रावणस्य शवसंस्कारं न करोमि । श्रीरामः उक्तवान् - "विभीषण ! मरणान्तानि वैराणि अर्थात् मरणपर्यन्तम् एव (iv) .....तिष्ठति । मरणानन्तरं वैरम् अनुचितं (v).....च । इदानीं रावणः मृतः । तस्य सर्वे (vi) .....अपि मृताः । अतः रावणस्य शवसंस्कारः भवता एव करणीयः" अतः (vii).....अपि रावणस्य विषये वैरं नास्ति । रावणः भवतः सहोदरः | विभीषणः रामं उक्तवान् - "क्षम्यताम् भगवन् ! (viii).....शवसंस्कारं करोमि । भगवन् ! भवतः (ix).....असाधारणी" इति वदन् श्रीरामं नमस्कृतवान् विभीषणः ।
धर्ममूर्तये श्रीरामाय (x).....।

मञ्जूषा – [मम, नमः, धर्मविरुद्धं, धर्मदृष्टिः, स्वर्गं, अहं, पुत्राः, वैरं , अधार्मिकः, रावणस्य]

ग' भागः

अनुप्रयुक्तव्याकरणम् (25 अङ्काः)

5. निर्देशानुसारम् उत्तरत् - (केवलं प्रन्नचतुष्टयम्) 1/2x4=2

(i) अ, इ, थ्, प्, च् एतेषु वर्णेषु कः वर्णः ओष्ठः अस्ति ?
(ii) 'गत्वा' इति पदे कस्य वर्णस्य उच्चारणस्थानं 'दन्तोष्ठम्' इति अस्ति ?
(iii) च्, ज्, थ्, इ, य् एतेषु वर्णेषु कः वर्णः तालु न अस्ति ?
(iv) ' त् ' इति वर्णस्य उच्चारण स्थानं लिखत ।
(v) 'ष' इति वर्णः दन्त्यः अस्ति अथवा मूर्धन्यः ?

6. अधोलिखितवाक्येषु रेखाङ्कितपदेषु <u>सन्धिं सन्धिच्छेदं</u> वा कुरत- (केवलं प्रश्नचतुष्टयम्) 1x4=4

(i) मम आचार्या अकथयत् – एषा कथा **<u>हितोपदेशात्</u>** गृहीता |
(ii) एकदा माधवस्य भार्या **<u>स्वबालापत्यस्य</u>** रक्षार्थं तं अवस्थाप्य स्नातुं गता |
(iii) गच्छन् पिपीलकः योजनानां **<u>शतानि + अपि</u>** याति |
(iv) **<u>अद्य + एव</u>** अस्माकं आचार्यः तां कथां पाठिष्यति |
(v) **<u>तावदेव</u>** सहसा प्रविशति कश्चित् मेवाडराजपुत्रः |

7. उचितं विकल्पं चित्वा रिक्तस्थानपूर्तिं कुरुत (केवलं प्रश्नचतुष्टयम्) 1x4=4

(i) प्रतापः - अहं मातृभूमिं रक्षितुम् असमर्थः | अलं मम .....|
(क) जीवितेन (ख) जीवितम्
(ग) जीवितस्य (घ) जीविते
(ii) ..... विना मनुष्यस्य जीवनं व्यर्थम् |
(क) विद्यायां (ख) विद्यायै
(ग) विद्या (घ) विद्यां
(iii) सुकुमारः त्वं ..... सह आगच्छ |
(क) मम (ख) मत्
(ग) मया (घ) माम्
(iv) एकः सैनिकः - ..... प्रति महाराज ! मदीयेन एव खड्गेन एव जहि माम् |
(क) प्रतापाय (ख) प्रतापं

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(ग) प्रताप: (घ) प्रतापेन

(v) शिक्षकाय ..... रोचे।

(क) मह्यम् (ख) माम्

(ग) अहम् (घ) वयम्

8. उचितेन विकल्पेन रिक्तस्थानानि पूरयत - (केवलं प्रश्नचतुष्टयम्) 1x4=4

(i) सः विद्यालये पठनं .....।

(क) करोति (ख) करोषि

(ग) करोमि (घ) कुर्वन्ति

(ii) वयं शिक्षकाः ..... ।

(क) भवेयम् (ख) भवेत्

(ग) भवेम (घ) भवेः

(iii) त्वम् अपि निर्धनाय वस्त्रं .....।

(क) नयतु (ख) नयानि

(ग) नयत (घ) नय

(iv) ते (पु०) प्रतिदिनं शिक्षकं .....।

(क) नमति (ख) नमन्ति

(ग) नमसि (घ) नमामि

(v) यूयं विद्यालयं कदा .....?

(क) अगच्छन् (ख) अगच्छत

(ग) अगच्छम् (घ) अगच्छाम

9. उचितेन विकल्पेन रिक्तस्थानानि पूरयत - (केवलं प्रश्नचतुष्टयम्) 1x4=4

(i) अहं प्रतिदिनं ..... सह यज्ञं करोमि।

(क) साधोः (ख) साधुः

(ग) साधुना (घ) साधूनाम्

(ii) ..... नाम गङ्गा अस्ति ।

(क) नदी (ख) नद्याः

(ग) नदीम् (घ) नद्याम्

(iii) गणेश: सदा तानि ..... खादति।

(क) फलम् (ख) फलेन

(ग) फले (घ) फलानि

(iv) ..... नाम गौतमः अस्ति।

(क) मुनयः (ख) मुनौ

(ग) मुनेः (घ) मुनि:

(v) ..... सखी खुशी अस्ति।

(क) शालिन्या: (ख) शालिन्या

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(ग) शालिनी (घ) शालिनीम्

10. अधोलिखितवाक्येषु रेखाङ्कितपदानां प्रकृति-प्रत्ययौ संयोज्य विभज्य वा उचितम् उत्तरं विकल्पेभ्यः चित्वा लिखत – (केवलं प्रश्नत्रयम्) 1x3 = 3

(i) विप्रः तथाविधं तं **दृष्ट्वा** बालकोSनेन खादितः इति चिन्तित्वान्।

(क) दृश् + ल्यप् (ख) दृश् + तुमुन्

(ग) दृश् + क्त्वा (घ) दृश् + ट्वा

(ii) त्वं कुत्रापि **गन्तुम्** उद्यतः इव प्रतीयसे।

(क) गम् + क्त्वा (ग) गम् + तुमुन्

(ख) गम् + तुम् (घ) अव + गम्य

(iii) देशभक्तः प्रतापः अपि स्वदेशं **परि+ त्यज् + ल्यप्** अन्यत्र प्रस्थितः।

(क) परितज्य (ग) परित्जय

(ख) परित्यज्य (घ) परित्ज्य

(iv) कथं जयघोषं **कृ + क्त्वा** मां लज्जयसे ।

(क) कृतवा (ग) कर्तुम्

(ख) कत्वा (घ) कृत्वा

11. उचिताव्ययपदैः रिक्तस्थानानि पूरयत (केवलं प्रश्नचतुष्टयम्) ½x4=2

(i) .....महातपा यदा तरुच्छायोपविष्ट आसीत्।

(ii) सुकुमारः – मम अनुजस्य पठने रुचिः .....अस्ति।

(iii) महाराज ! मदीयेन .....खड्गेन जहि माम् ।

(iv) पाठ्यपुस्तके 'पाथेयम्' .....पाठे सुभाषितानि सन्ति।

(v) ..... बालस्य अत्र रक्षकः नास्ति ?

मञ्जूषा – {किम् , न, इति, एकदा, एव }

12. उचितसङ्ख्यावाचकपदैः रिक्तस्थानानि पूरयत। (केवलं प्रश्नचतुष्टयम्) ½x4=2

(i) पुराणाणाम् संख्या .....(18) अस्ति।

(ii) मम पार्श्वे .....(45) पुस्तकानि सन्ति।

(iii) मम पुस्तके .....(1) कथा अस्ति ।

(iv) यज्ञशालायां .....(22) जनाः सन्ति ।

(v) पृथिव्यां .....(3) रत्नानि, जलमन्नं सुभाषितम् ।

'घ' भागः

MID TERM

पठितावबोधनम् (30 अङ्काः)

13. अधोलिखितं गद्यांश पठित्वा प्रदत्तप्रनानाम् उत्तराणि संस्कृतेन लिखत – 5

अत्र तु दैवं कारणमिति न उचितम् , अतः सर्वथा दैवम् आलस्यं च विहाय पुरुषार्थः विधेयः । एतत् चिन्तयित्वा राजा पण्डितसभां कारितवान् । राजा उवाच- ' भोः भोः पण्डिताः ! श्रूयतां मम वचनम् - अस्ति कश्चिद् एवम्भूतो विद्वान् यो मम पुत्राणां नित्यम् उन्मार्गगामिनाम् अनधिगतशास्त्राणाम् इदानीं नीतिशास्त्रोपदेशेन पुनर्जन्म कारयितुं समर्थः ?

अत्रान्तरे विष्णुशर्मनामा महापण्डितः सकलनीतिशास्त्रतत्त्वज्ञः बृहस्पतिः इव अवदत् - ' देव ! महाकुलसम्भूता एते राजपुत्राः, तत् मया नीतिं ग्राहयितुं शक्यन्ते । अतोऽहं षण्मासाभ्यन्तरे भवत्पुत्रान् नीतिशास्त्राऽभिज्ञान् करिष्यामि । 'राजा सविनयं पुनरवदत् - कोऽत्र संदेह ?

अ. एकपदेन उत्तरत - (केवलं प्रश्नद्वयम्) 1/2x2=1

(i) किं कारणम् न उचितम् ?

(ii) कः बृहस्पतिः इव अवदत् ?

(iii) केन पुनर्जन्म कारयितुं समर्थः ?

आ. पूर्णवाक्येन लिखत - (केवलं प्रश्नद्वयम्) 1x2=2

(i) केन नीतिं ग्राहयितुं शक्यते ?

(ii) राजा किम् अवदत् ?

(iii) राजा किं चिन्तयित्वा सभां पण्डितसभां कारितवान्?

इ. निर्देशानुसारम् उत्तरत (केवलं प्रश्नद्वयम्) 1x2=2

(i) 'महाकुलसम्भूता: राजपुत्राः' अनयोः पदयोः विशेष्यपदं किम् ?

(ii) 'बृहस्पतिः इव अवदत्' अत्र कर्तृपदं किम् ?

(iii) 'राजकुमाराः' इति अर्थे गद्यांशे किं पदं प्रयुक्तम्?

14. अधोलिखितं श्लोकं पठित्वा प्रदत्तप्रनानाम् उत्तराणि संस्कृतेन लिखत – 5

भवन्ति नम्रास्तरवः फलोद्गमैः
नवाम्बुभिर्भूरिविलम्बिनो घनाः |
अनुद्धताः सत्पुरुषाः समृद्धिभिः
स्वभाव एवैष परोपकारिणाम् ||

अ. एकपदेन उत्तरत - (केवलं प्रश्नद्वयम्) 1/2x2=1

(i) के समृद्धिभिः अपि अनुद्धता: भवन्ति ?

(ii) तरवः कैः नम्राः भवन्ति ?

(iii) के फलोद्गमैः नम्रा: भवन्ति ?

आ. पूर्णवाक्येन लिखत - (केवलं प्रश्नद्वयम्) 1x2=2

(i) के काभिः अनुद्धताः भवन्ति ?

(ii) घनाः कथं भूरिविलम्बिनो भवन्ति ?

(iii) परोपकारिणां स्वभाव: कथं भवति ?

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इ. निर्देशानुसारम् उत्तरत (केवलं प्रश्नद्वयम्) **1x2=2**

(i) 'सत्पुरुषाः' इत्यस्य पदस्य विशेषणं किम् अस्ति ?

(ii) 'भवन्ति नम्रास्तरवः फलोद्गमैः' अत्र कर्तृपदं किम् ?

(iii) 'वृक्षाः' इति अर्थे श्लोके किं पदं प्रयुक्तम् ?

15. अधोलिखितं नाट्यांशं पठित्वा प्रदत्तप्रश्नानाम् उत्तराणि संस्कृतेन लिखत – **5**

(मेवाडाधिपतिः महाराणाप्रतापः अरण्ये कतिपयैः विश्वासपात्रैः भटैः सह सङ्कटापन्ने काले विचारमग्नः शिलायाम् उपविष्टः अस्ति। स्वदेशस्य रक्षायै युध्यमानस्य तस्य बहूनि वर्षाणि व्यतीतानि । हन्त ! वराकस्य पार्श्वे सेनायाः भोजनसामग्र्याः अपि च अभावः विद्यते। अधुना तु स स्वकीयैः प्राणैरेव स्वदेशं स्वतन्त्रं कर्तुम् इच्छति।)

प्रतापः - धिङ् माम् अधन्यम्, योऽहं मातृभूमिं रक्षितुम् असमर्थः। अलं मम एतेन जीवितेन (दीर्घम् निःश्वसिति) (यावत् सहचराः तस्य आकृतिं दृष्ट्वा व्याकुलाः भवन्ति, तावदेव सहसा प्रविशति कश्चिद् मेवाडराजपुत्रः)

राजपुत्रः - (राजोचितं प्रणम्य) विजयतां महाराजः, विजयताम् ।

प्रतापः - (समाश्वस्य) अयि भ्रातः! कथं जयघोषं कृत्वा मां लज्जयसे ?

राजपुत्रः - देव ! कथं भवान् वदति एवम् ? किं न खलु कृतं भवता राज्यत्राणाय ? स्वदेशं स्वाधीनं कर्तुं भवता किं न सोढम् ? विजेष्यते ननु भवान् !

प्रतापः- कुतस्तावद् विजयः ! स्वदेशमेव त्यक्तुं तत्परोऽहम् ।

अ. एकपदेन उत्तरत - (केवलं प्रश्नद्वयम्) **1/2x2=1**

(i) प्रतापः कां रक्षितुम् असमर्थः ?

(ii) राजपुत्रः कस्य विजयम् इच्छति ?

(iii) कः जयघोषं करोति ?

आ. पूर्णवाक्येन लिखत - (केवलं प्रश्नद्वयम्) **1x2=2**

(i) मेवाडाधिपतिः महाराणाप्रतापः अरण्ये किं करोति ?

(ii) महाराणाप्रतापस्य पार्श्वे कस्य अभावः विद्यते ?

(iii) महाराणाप्रतापः कथं स्वदेशं स्वतन्त्रं कर्तुम् इच्छति ?

इ. निर्देशानुसारम् उत्तरत (केवलं प्रश्नद्वयम्) **1x2=2**

(i) 'सहचराः व्याकुलाः' अनयोः पदयोः विशेष्यपदं किम् ?

(ii) 'सहचराः तस्य आकृतिं दृष्ट्वा व्याकुलाः भवन्ति' अत्र कर्तृपदं किम् ?

(iii) 'जीवनेन' इति अर्थे नाट्यांशे किं पदं प्रयुक्तम् ?

16. रेखाङ्कित-पदानि आधृत्य प्रश्ननिर्माणं कुरुत - (केवलं प्रश्नपञ्चकम्) **1x5=5**

(i) माधवः **उज्जयिन्यां** अवसत् |

(ii) **सद्भिः** लीलया प्रोक्तं शिलालिखितमक्षरम् |

(iii) परतन्त्रे देशे **किं** नरकायते |

(iv) हितोपदेशः **नीतिकथानां** संकलनमेव |

(v) **वृक्षस्य** उपरि बलाका आसीत् |

(vi) **विद्यया** बालकस्य पुनर्जन्म भवति |

17. मञ्जूषातः समुचितपदानि चित्वा अधोलिखित- श्लोकस्य अन्वयं पूरयत – **1/2x4=2**

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पृथिव्यां त्रीणि रत्नानि जलमन्नं सुभाषितम् ।

मूढै : पाषाणखण्डेषु रत्नसंज्ञा विधीयते ॥

अन्वयः - पृथिव्यां जलम् .....सुभाषितम् (च) त्रीणि (एव) .....

(भवन्ति)। .....पाषाणखण्डेषु .....विधीयते ।

मञ्जूषा – {रत्नसंज्ञा ,रत्नानि, अन्नम् ,मूढैः}

अथवा

मञ्जूषायाः साहाय्येन श्लोकस्य भावार्थे रिक्तस्थानानि पूरयित्वा पुनः लिखत – 1/2x4=2

कल्पद्रुमः कल्पितमेव सूते, सा कामधुक् कामितमेव दोग्धि |

चिन्तामणिश्चिन्तितमेव दत्ते, सतां हि सङ्गैः सकलं प्रसूते ॥

भावार्थः - अस्य भावः अस्ति यत् कल्पवृक्षः केवलम् अनुरोधानान्तरं अभीष्टां कामनां (i).....। एवमेव कामधेनुः अपि (ii).....अनन्तरमेव इच्छितं वरं यच्छति ।(iii) .....अपि चिन्तनात् अनन्तरं कामनाः पूरयति। केवलं सज्जनानां (iv).....एव याचनां विना एव सर्वं ददाति ।

मञ्जूषा

(सङ्गतिः, चिन्तामणिः, प्रार्थनायाः, पूरयति)

18. अधोलिखितवाक्येषु रेखाङ्कितपदानां प्रसङ्गानुकूलम् उचितार्थं चित्वा लिखत- (केवलं प्रन्नचतुष्टयम्)

1x4=4

(i) स्व **अपत्यस्य** रक्षार्थं माधवं अवस्थाप्य स्नातुं गता ।

(क) सन्ततेः (ख) भूमेः

(ग) मुनेः (घ) बालके

(ii) खन्यमाना भूमिः **तोयं** ददाति।

(क) जलम् (ख) दुग्धम्

(ग) चायम् (घ) रसम्

(iii) वृक्षम् आरुह्य दृश्यतां कः एष **शब्दापयति।**

(क) पठति (ख) आह्वयति

(ग) गच्छति (घ) नृत्यति

(iv) अत्र **दैवं** कारणमिति न उचितम् ।

(क) भोजनम् (ख) यानम्

(ग) देवता (घ) भाग्यम्

(v) तत् **आकर्ण्य** विस्मितः मुनिः "एतत् कथमिव ज्ञातमनया" इति चिन्तयन् तत्र उपाविशत् ।

(क) गत्वा (ख) श्रुत्वा

(ग) लिखित्वा (घ) पठित्वा

19. मञ्जूषायाः सहायतया कथा-पूर्तिं कृत्वा कथां पुनः लिखत | 1/2x8=4

आसीत् पुरा कोऽपि(i) .....नाम वनवासी मुनिः । एकदा यदा स तरुच्छायोपविष्ट आसीत् । तदा (ii).....एका बलाका विष्ठाम् उदसृजत् । स च क्रुद्धस्तां (iii).....। दृष्टमात्रा एवं बलाका भस्मसाद् अभवत्। ततश्च स मुनिः तपः प्रभावाद् (iv) ..... उपगतः | एकदा अयं मुनिः क्वापि नगरे एकं (v)..... प्राप्य तद्गृहिणीं भिक्षामयाचत । सा

MID TERM

(vi).....गृहिणी तमवदत्-"प्रतीक्षस्व क्षणं, यावद् भर्तुः परिचर्यां समापये" इति। एतत् श्रुत्वा स मुनिः तां

(vii).....दृष्टवान् । सा विहस्य अभाषत- "मुने ! न अहं बलाकेति"। तत् आकर्ण्य विस्मितः मुनिः "एतत् कथमिव (viii)

....." इति चिन्तयन् तत्र उपाविशत्।

मञ्जूषा

{ तस्योपरि, व्यलोकयत्, महातपा, कोपदृष्ट्या, पतिव्रता, अहङ्कारम्, ब्राह्मणगृहं, ज्ञातमनया }

MID TERM

MID TERM

N. K. BAGRODIA GLOBAL SCHOOL SECTOR-17, PHASE-II, DWARKA, NEW DELHI-78
G-mail: nkbglobalschool@gmail.com, Website: www.nkbglobalschool.com

Session: 2024-25

MID TERM (SAMPLE PAPER)

SUBJECT: INFORMATION TECHNOLOGY (402) **MAX. MARKS:** 50
CLASS: IX **DURATION:** 2 Hours

General Instructions:

1. Please read the instructions carefully.
2. This Question Paper consists of 21 questions in two sections: Section A & Section B.
3. Section A has Objective type questions whereas Section B contains Subjective type questions.
4. Out of the given (5 + 16 =) 21 questions, a candidate has to answer (5 + 10 =) 15 questions in the allotted (maximum) time of 2 hours.
5. All questions of a particular section must be attempted in the correct order.
6. SECTION A - OBJECTIVE TYPE QUESTIONS (24 MARKS):
i. This section has 05 questions.
ii. Marks allotted are mentioned against each question/part.
iii. There is no negative marking.
iv. Do as per the instructions given.
7. SECTION B – SUBJECTIVE TYPE QUESTIONS (26 MARKS):
i. This section has 16 questions.
ii. A candidate has to do 10 questions.
iii. Do as per the instructions given.
iv. Marks allotted are mentioned against each question/part.

SECTION A: OBJECTIVE TYPE QUESTIONS

Q. 1	**Answer any 4 out of the given 6 questions on Employability Skills (1 x 4 = 4 marks)**	
i.	**How do you receive information on phone?** i. Listening ii. Speaking iii. Reading iv. Writing	**1**
ii.	**Images, drawings, signs, graphics, typography, etc. is used by ..... communication.** i. Non-Verbal ii. Visual iii. Verbal iv. None of these	**1**
iii.	**Why do we send emails?** i. To reach on time ii. To share documents and files iii. To talk to each other iv. To meet each other	**1**
iv.	**Which of these is not an appropriate non-verbal communication at work?** i. Putting arm around a coworker's shoulder ii. Shaking hands firmly	**1**

	iii. Looking at the speaker with a smile iv. Standing with an upright posture	
v.	**Which of the following is telecommunication between two or more people using video/audio transmission?** i. Video Conferencing ii. Chatting iii. Messaging iv. Mail	1
vi.	**Which of the following is a web browser?** i. Internet ii. Chrome iii. Windows iv. None of the above	1

Q. 2	**Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)**	
i	**Which of the following is a popular service of BPO industry?** i. Data Processing ii. Medical Transcription iii. Revenue Accounting iv. All of these	1
ii	**Which of the following is not related to criminal identification and Law Enforcement?** i. Tracking ii. Digital Criminal Record iii. DNA Test iv. Editing	1
iii	**Which of the following enables to change the upper case alphabet to lower case and vice versa?** i. Sentence Case ii. Title Case iii. Toggle case iv. None of these	1
iv	**What is the facility which enables the users to access remote computers or terminals over the Internet called?** i. Telnet ii. Social Networking iii. FTP iv. Video Conferencing	1
v	**. The opportunities in I.T. industries can be broadly classified into:** i. Software Development ii. I.T. Application iii. I.T. Enabled Services (ITES) iv. All of these	1
vi	**Which of the following means putting off your immediate comfort and wishes in favour of long term success?** i. Determination ii. Confidence iii. Self discipline	1

	iv. Stress management	

Q. 3	**Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)**	
i	**We can replace multiple occurrences of a word using which of the following facilities of Calc?** i. Find and replace ii. By replace only iii. By copy command iv. By preview command	1
ii	**The chart preview can be seen in .....** i. Page preview ii. Chart preview iii. Export chart iv. All of these	1
iii	**How many function keys are there on the keyboard?** i. 10 ii. 12 iii. 2 iv. 9	1
iv	**Which of the following is not a function of Lesson Editor?** i. Make Lesson ii. Upload Lesson iii. Design Course iv. Update Lesson	1
v	**On which of the following tabs one can check the errors that occurred during the typing lesson.** i. Errors overview ii. Detailed statistics iii. Next step iv. None of these	1
vi	**Which bar displays information that includes Page number, Page style, Language and Type of view?** i. Status Bar ii. Formatting Toolbar iii. Standard Toolbar iv. Menu Bar	1

Q. 4	**Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)**	
i	. **Which option should be used to type formula H_2SO_4?** i. Bold ii. Superscript iii. Underline iv. Subscript	1

ii	**Which alignment makes sure that none of the edges of text appears ragged?** i. Left ii. Right iii. Center iv. Justified	**1**

iii	**Which of the following are called guide keys?** i. F ii. J iii. Both i and ii iv. Z	**1**
iv	**Page Preview' option is available in ..... menu.** i. Edit ii. File iii. Insert iv. View	**1**
v	**Which of the following is used to instantly transfer money across the globe?** i. ATM ii. Net Banking iii. Offline Banking iv. None of these	**1**
vi	**Find & Replace' option is available in ..... menu.** i. View ii. Edit iii. File iv. Insert	**1**

Q. 5	**Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)**	
i	**Which of the following tools is used to apply the same formatting which is on a particular content to some other content?** i. Format Paintbrush ii. Paintbrush iii. Format iv. None of these	**1**
ii	**Which of the following is the vertical gap between different lines of text in a paragraph?** i. Word spacing ii. Line spacing iii. Paragraph spacing iv. Character spacing	**1**
iii	**Which of the following is the mark of identification or reference of the text which is displayed on every page of a document?** i. Header and Footer ii. Margin iii. Symbol	**1**

	iv. Page break	
iv	**…….. is used to adjust the spacing between the characters or letters.** i. Pair Kerning ii. Scaling iii. Spacing iv. None of these	**1**
v	**The slide show can be exited at any time during the show by pressing which of the following keys?** i. Space bar ii. End key iii. Break key iv. Esc key	**1**
vi	**Which of the following is known as a faded image of a design that is printed as background? In slides, it appears as a shadow.** i. Logo ii. Bitmap Image iii. Watermark iv. Background	**1**

SECTION B: SUBJECTIVE TYPE QUESTIONS

Answer any 3 out of the given 5 questions on Employability Skills (2 x 3 = 6 marks)Answer each question in 20 – 30 words.

Q. 6	**Why is e-mail so popular over conventional mails?**	**2**
Q. 7	**Enlist some reasons for stress.**	**2**
Q. 8	**Name some application software that allow you to send and receive e-mails.**	**2**
Q. 9	**What is time management?**	**2**
Q. 10	**How IT helps people to expand their business on Internet?**	**2**

Answer any 4 out of the given 6 questions in 20 – 30 words each (2 x 4 = 8 marks)

Q. 11	**What is page orientation?**	**2**
Q. 12	**What is Online Examination?**	**2**
Q. 13	**What is template?**	**2**
Q. 14	**What is Robotics?**	**2**

Q. 15	**Write the names of any five fields in which IT applications are used.**	**2**
Q. 16	**Write a short note on the following:** a) Problem Solving b) Self-Control	**2**

Answer any 3 out of the given 5 questions in 50– 80 words each (4 x 3 = 12 marks)

Q. 17	**What are the advantages of a word processor over typewriters?**	**4**
Q. 18	**What do you mean by moving text?**	**4**
Q. 19	**Explain technical support services of BPO industry.**	**4**
Q. 20	**Suppose you have to pay your exam fees using computers. What steps will you take to do so?**	**4**
Q. 21	a. **Manohar has to send invitation to his relatives for attending the marriage of his elder brother. As the time is less, it is difficult to write the content of the letter again and again. Which feature of word processor can Manohar use to do his task quickly?** b. **Rajat wants to insert images to his presentation. Name any three image file formats that can be inserted in the presentation.** c. **Ananya wants to write x^2. But when he writes this, it shows x2. Which option he should use to get 2 at its proper place?** d. **Kusum was writing a report for her final exams. Her teacher asked her to include page numbers in her report but she is unable to do so. Suggest her a feature of a word processing software to accomplish the task**	**4**

N.K. BAGRODIA GLOBAL SCHOOL

Sector-17, Dwarka

MID TERM (SAMPLE PAPER)
Session: 2024-25
GRADE-IX
SUBJECT-Artificial Intelligence (417)

Time Allowed: 2 Hours **Maximum Marks**: 50 Marks

General Instructions:

General Instructions :

(i) *Please read the instructions carefully.*
(ii) *This question paper consists of 21 questions in two sections : Section A & Section B.*
(iii) *Section A has objective type questions whereas Section B contains subjective type questions.*
(iv) *Out of the given **(5 + 16 =) 21** questions, a candidate has to answer **(5 + 10 =) 15** questions in the allotted (maximum) time of 2 hours.*
(v) *All questions of a particular section must be attempted in the correct order.*
(vi) ***Section A – Objective type questions (24 marks) :***
  (a) *This section has 05 questions.*
  (b) *Marks allotted are mentioned against each question/part.*
  (c) *There is no negative marking.*
  (d) *Do as per the instructions given.*
(vii) ***Section B – Subjective type questions (26 marks) :***
  (a) *This section has 16 questions.*
  (b) *A candidate has to do 10 questions.*
  (c) *Do as per the instructions given.*
  (d) *Marks allotted are mentioned against each question/part.*

Section-A – Objective Type Questions (10 Marks)			
Q1.	**Answer any 4 questions out of the given 6 questions of 1 mark each.**		**(1 × 4 = 4)**
	i.	Which one of these used to put a mark a pause in a sentence? a) Punctuation c) Question Marks b) Comma d) Exclamation mark	1
	ii.	Who interprets the message conveyed by a sender? a) Sender c) Receiver b) Audience d) Organisers	1
	iii.	How do you receive information on phone? a) Listening c) Speaking b) Reading d) Writing	1
	iv.	Which of the following is not a quality of a confident person? a) Focused c) Extravagant b) Positive attitude d) Committed	1
	v.	Which of the following is not a self-management skill? a) Polishing your skills c) Learning new skills b) Managing your desk work d) Assembling a lego kit	1
	vi.	Who inititates the process of communication? a) Feedback c) Sender b) Receiver d) Communication Channel	1
Q2.	**Answer any 5 questions out of the given 6 questions of 1 marks each.**		**(1 × 5 = 5)**
	i.	Find the valid identifier from the following a) My-Name b) True c) 2ndName d) S_name	1
	ii.	Identify the valid logical operator in Python from the following. a) ? b) < c) ** d) and	1

	iii.	Which one of the following is a invalid Python if statement : (a) if a>=2: (b) if(a>=2): (c) if(a >=2) (d) if (a==2):	1
	iv.	Which escape sequence represents newline character? (a) \n (b) \t (c) \T (d) \e	1
	v.	Which of the following is an assignment operator? (a) = (b)/= (c) *= (d) all of the above	1
	vi.	7 % 10 will return _____ a) 1 c) 0 b) 7 d) 10	1
Q3.		**Answer any 5 questions out of the given 6 questions of 1 marks each.**	**(1 × 5 = 5)**
	i.	Which of the following is the ability of intelligence? a) To learn c) to think b) To solve problems d) All of these	
	ii.	Which of the following is not a domain of AI? a) Data c) Computer Vision b) NLP d) Information	
	iii.	Which of the following SDGs aims zero hunger? a) Goal 1 c) Goal 2 b) Goal 3 d) Goal 4	
	iv.	Which of the following is not a domain of AI? a) Data c) Computer Vision b) Natural Language Processing d) Information	
	v.	Who is the father of Artificial Intelligence? a) John McCarthy c) Mark Zuckerberg b) Alan Turing d) Nick Bostrom	
	vi.	Which of the following is the National AI portal of India? a) PortIndia c) AiIndia b) INDIAai d) IndiaIT	
Q4.		**Answer any 5 questions out of the given 6 questions of 1 marks each.**	**(1 × 5 = 5)**
	i.	There are 17 SDGs as laid by the _____ 2030 Agenda.	
	ii.	The _____ mobile app is used in agriculture.	
	iii.	The 1970s era experienced a _____ for AI research.	
	iv.	With reference to AI domain, expand the term CV.	
	v.	Smart Assistants such as Alexa, Siri are the examples of: a) NLP c) Data Science b) Machine Learning d) Computer Vision	
	vi.	_____ influences a person to perform a specific task.	
Q5.		**Answer any 5 questions out of the given 6 questions of 1 marks each.**	**(1 × 5 = 5)**
	i.	Which of the following statements allow to repeat a task for a fixed number of times? a) for statement c) if….else statement b) while statement d) continue statement	
	ii.	Which of the following can be a part of list? a) String values c) Integer values b) List d) All of these	
	iii.	If L=['E','X','A','M'], then what will be the output of the following statement? print(L) a) 'EXAM' c) ['E','X','A','M'] b) 'E','X','A','M' d) None of these	
	iv.	Which of the following is a data type that has two built in values True or False. a) String c) Boolean b) Integer d) Float	

	v.	_____ detects and stops leakage of water using AI. a) WINT c) CleanRobotics b) RUBSEE PROJECT d) EQWATER	
	vi.	Autonomous Weapons are also known as_____ a) Killer Robots c) Automatic Robots b) Micro Robot d) All of these	
Section-B – Subjective Type Questions			
Answer any 3 questions out of the given 5 questions of 2 mark each. (3 × 2 = 6)			
Q6.	Define the term communication.		2
Q7.	Write two advantages and two disadvantages of written communication.		2
Q8.	What is Time Management?		2
Q9.	Identify the type of communication. 1. SMS from school for class picnic. 2. Directions on the cover of your lego kit.		2
Q10	Define the term self-confidence.		2
Answer any 4 questions out of the given 6 questions of 2 marks each. (4 × 2 = 8)			
Q11	Name three different domains of AI.		
Q12	Evaluate the following expressions: a) 8 * 3 + 2**3 // 9 – 4 b) 12 > 15 and 8 > 12 or not 19 > 4		
Q13	How AI helpful in disaster management?		
Q14	Rewrite the following code in Python after removing all syntax error(s). Underline each correction done in the code. p=30 for c in range(0,p) If c%4==0: print (c*4) Elseif c%5==0: print (c+3) else print(c+10)		
Q15	Give an application of CV in AI.		
Q16	What is tokens in Python? New a few of them.		
Answer any 3 questions out of the given 5 questions of 4 marks each. (3 × 4 = 12)			
Q17	WAP to print table of a number.		4
Q18	What is the difference between AI, ML and DL?		4
Q19	Convert the while loop into for loop. num=7 while(num<2): print(num*2) num+=3		4
Q20	Explain problem scoping template with the help of an example.		4
Q21	WAP to find the factorial of a number.		4