



St. Mary's School, Dwarka Winter Holiday Homework Class VI

General Instructions:

- 1) The work should be done neatly and systematically.
- 2) The given questions are to be done in your respective subject notebooks.
- 3) Attempt all questions.

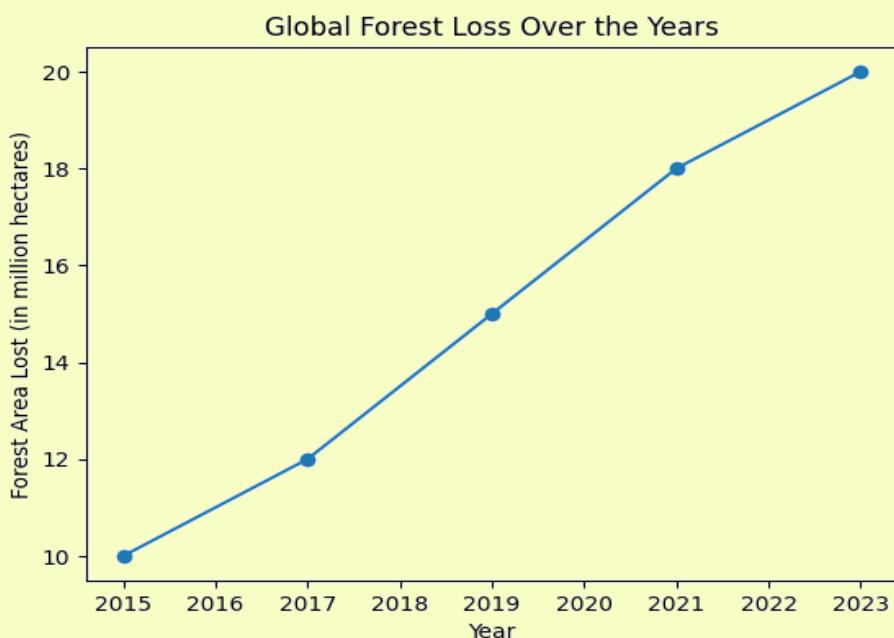
Subject- English

No. of Questions: 5

M.M:25

SECTION A – Reading Comprehension (7 marks)

1. Forests play an essential role in maintaining the health of the planet by providing services such as producing oxygen, storing carbon, and regulating water cycles. They are home to a wide variety of wildlife and plant species, many of which cannot be found elsewhere. Moreover, forests are instrumental in addressing climate change, as they absorb significant amounts of carbon dioxide from the atmosphere, helping to moderate global temperatures.
2. However, the ongoing loss of forests is a major environmental issue, with large areas being cleared every year for agriculture, construction, and logging. This destruction not only eliminates crucial habitats but also accelerates climate change by reducing the trees available to absorb carbon. The resulting increase in greenhouse gases worsens the situation globally, impacting both ecosystems and human communities.
3. In response, there have been concerted efforts to protect forests and restore areas that have been damaged. These efforts typically involve a mix of legislative actions, sustainable forest management practices, and active participation from local communities. Some governments have enacted policies aimed at curbing forest loss, while others are focusing on restoring areas that have already been cleared by replanting trees.
4. Beyond their ecological benefits, forests hold great cultural and economic value. Many indigenous peoples depend on forests for sustenance, medicine, and materials, while industries such as timber and paper rely on trees as raw materials. The growing recognition of the need for responsible and sustainable resource use is leading to more eco-friendly practices in these sectors.
5. Looking forward, the preservation of forests depends on global collaboration and careful planning. Forest conservation is not just an environmental issue, but also a social and economic one. Effective solutions must combine efforts to protect ecosystems, reduce poverty, and ensure sustainable agricultural practices that do not harm the environment.



Q1. Based on your understanding of the passage, answer the questions given below: (1x7=7)

i. What is the main environmental function of forests, according to the passage? (1)

- a) provide food and shelter to support wildlife
- b) help reduce climate change by storing carbon
- c) control human populations and curb disease spread
- d) establish habitats for new plant species to grow

ii. Which statement best reflects the consequence of forest loss as implied in the passage? (1)

- a) The removal of forests leads to an increase in available habitats for wildlife.
- b) Forest destruction results in more effective climate regulation.
- c) The disappearance of forests accelerates environmental and climate-related issues.
- d) The loss of forests has little to no impact on global environmental health.

iii. Complete the sentence: (1)

If the current rates of forest destruction persist, it could result in _____.

iv. In paragraph 4, the word ‘sustenance’ most closely means: (1)

- a) financial support
- b) food and necessary resources
- c) medicine and treatments
- d) shelter and protection

v. What tone does the author adopt when discussing the future of forest conservation? (1)

- a) hopeful
- b) concerned
- c) neutral
- d) detached

vi. According to the passage, which approach would be most beneficial in ensuring the future health of forests? (1)

- a) reducing human access to all forested regions
- b) promoting harmful farming to boost economic growth
- c) applying sustainable practices and replanting trees
- d) expanding logging activities and reducing awareness

vii. What general trend does the graph show about forest loss over the years? (1)

- a) remained the same
- b) decreased steadily
- c) increased over the years
- d) fluctuated without any pattern

SECTION B- Writing and Grammar (9 marks)

Q2. Write a story in about 120–150 words with the given beginning. Also, give a suitable title to the story. (5)

“As the train was on the verge of departing from the platform, my eyes fell on a small leather bag that had been left behind near a bench...”

Q3. Fill in the blanks with the appropriate word. (½ x 8=4)

Yesterday, Rajat (a) up very early because he had planned to visit the new museum in our town. After having breakfast, he searched for (b) bag and left the house immediately. When he arrived at the museum, he was surprised to see (c) people waiting outside in a line. The exhibits were extremely fascinating, and he (d) a lot about history. While he (e) further, he found (f) very interesting artifact that caught his eye. He carefully read (g) information displayed beside it, felt (h) tired but satisfied after spending nearly three hours inside, and decided that he (i) visit the museum again with (j) friends.

a) i) wake	ii) woke	iii) was waking	iv) am waking
b) i) his	ii) her	iii) its	iv) their
c) i) much	ii) every	iii) any	iv) many
d) i) learn	ii) learns	iii) is learning	iv) learnt
e) i) explores	ii) explore	iii) was exploring	iv) is exploring
f) i) a	ii) an	iii) the	iv) some
g) i) a	ii) an	iii) the	iv) some
h) i) very	ii) much	iii) many	iv) little

SECTION C – LITERATURE (9 marks)

Q4. Answer these questions in 30-40 words.

(2x2=4)

- a) How did Argus try to persuade Shonku to give the bird to him? (**Corvus**)
- b) What is the emotion or feeling that dominates the poem and what message does the poem convey? (**Four Little Foxes**)

Q5. In A Christmas Carol, Scrooge is taken by three spirits to different places in time—

the Past, Present, and Future. Create a pictorial representation of the scenes

Scrooge is shown during these visits.

(5)

Instructions for the pictorial representation:

1. -Use one A3 size sheet.
2. -Divide the sheet into three equal sections.
3. -Label the sections as Past, Present, and Future.
4. -Draw one clear scene from the story in each section.
5. -Show the setting and people in every scene.
6. -Use colours, simple cartoons, stick figures, symbols and captions.

Subject-Hindi

No of questions - 5

M.M-25

निर्देशा —1 दिए गए सभी प्रश्नों के उत्तर हिन्दी की उत्तर पुस्तिका में कीजिए।

- 2 सभी प्रश्नों के उत्तर पूर्ण वाक्य में लिखिए।
- 3 कार्य स्वच्छ, शुद्ध एवं स्पष्ट लेख में कीजिए।

प्रश्न 1 निम्नलिखित प्रश्नों के निर्देशानुसार उत्तर दीजिए— $(1 \times 5 = 5)$

(क) ' 74, 81, 98, 89' इन संख्याओं को हिन्दी में लिखिए।

(ख) सकर्मक किया के कितने भेद है? उनके नाम लिखिए।

(ग) निम्नलिखित वाक्यों में से किया-विशेषण शब्द छाँटकर किया-विशेषण का भेद लिखिए—

- (i) दादा जी धीरे-धीरे चलते हैं।
- (ii) मैं दिल्ली घूमने कल जाऊँगा।

(घ) निम्नलिखित मुहावरे का अर्थ लिखते हुए वाक्य बनाइए—

- (i) खरी-खोटी सुनाना
- (इ) निम्नलिखित वाक्यों में उपयुक्त विराम-चिह्न लगाइए—

- (i) हाय यह क्या हो गया
- (ii) राधा सायना और रमा आगरा में रहती हैं

प्रश्न 2 निम्नलिखित गद्य पाठों पर आधारित प्रश्नों के उत्तर 25-30 शब्दों में दीजिए $(2 \times 2 = 4)$

(क) नैरोबी के नैशनल पार्क की विशेषताएँ बताइए। आपके द्वारा देखे गए नैशनल पार्क या चिड़ियाघर का अनुभव बताइए।

(ख) देवगढ़ रियासत के दीवान की किन विशेषताओं के कारण उन्हें ही नया दीवान चुनने का काम दिया गया? आपको घर में किन जिम्मेदारियों को पूरा करने के लिए कहा जाता है?

प्रश्न 3 निम्नलिखित पद्य पाठों पर आधारित प्रश्नों के उत्तर 25 से 30 शब्दों में दीजिए—

$(2 \times 2 = 4)$

(क) 'चैतक की बीरदा' कविता में चैतक किसी कब और कहाँ से लेकर उड़ जाता था? अपने किसी पालतु पशु या पक्षी की विशेषताएँ बताइए।

(ख) 'जलाते चलो' कविता में किसे जलाने की बात की गई है? जलाने का क्या परिणाम होगा?

हम दूसरों के जीवन में खुशियाँ कैसे ला सकते हैं?

प्रश्न 4 निम्नलिखित पूरक पुस्तक के पाठों पर आधारित प्रश्नों के उत्तर 25-30 शब्दों में

दीजिए—

(2×2=4)

(क) सीता के न मिलने पर राम की क्या दशा हुई?

(ख) राम और सुग्रीव की मित्रता किस कारण हुई?

प्रश्न-5 (क) 'प्रदूषण का लोगों पर प्रभाव' इस विषय पर दो मित्रों के बीच हुई बातचीत को संवाद

(4×1=4)

(ख) दिए गए संकेतों के आधार पर कहानी पूरी कीजिए — **(4×1=4)**

किसी गाँव में एक वैद्य का रहना कोई रोगी का न मिलना उसका रोगी की तलाश में निकलना जंगल पहुँचकर एक पेड़ के खोखल में एक साँप को देखना वही कुछ बच्चों का भी खेलना यह सब देखकर वैद्य का सोचना बच्चों से साँप को मैना के बच्चे बताकर पकड़ने के लिए कहना एक बच्चे का वैद्य की बातों में आकर पेड़ पर चढ़ना बच्चे का खोखल में हाथ डालना साँप फेंकना साँप का वैद्य को डसना वैद्य को अपनी करनी का फल मिलना |
शिक्षा |

Subject- Mathematics

No of questions - 5

M.M-25

Q1. Choose the correct option: (1x5=5)

(i) If Nitin gets $\frac{2}{3}$ share and Neha gets $\frac{1}{4}$ share, the share left is

a.) $\frac{1}{3}$ b.) $\frac{1}{6}$ c.) $\frac{1}{9}$ d.) $\frac{1}{12}$

(ii) What is the predecessor of $(-54) + (-75) - (-523)$?

a.) -282 b.) 394 c.) -281 d.) -288

(iii) In a bar graph, bars of uniform width are drawn with

a.) Increasing space c.) Equal spacing
b.) Decreasing space d.) No spacing

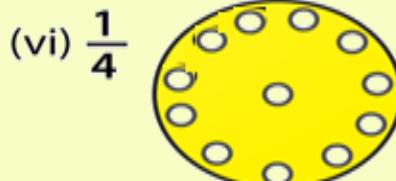
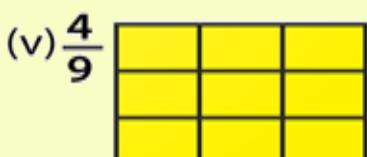
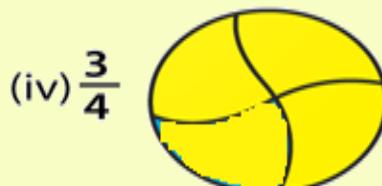
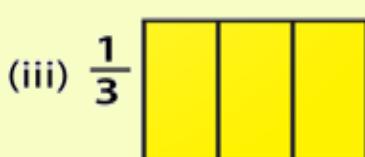
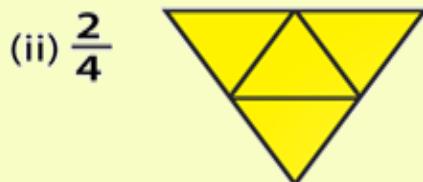
(iv) Which of the following is not an equivalent fraction of $\frac{45}{87}$?

a.) $\frac{15}{29}$ b.) $\frac{30}{58}$ c.) $\frac{15}{58}$ d.) $\frac{90}{174}$

(v.) Which of the following is not a polygon?

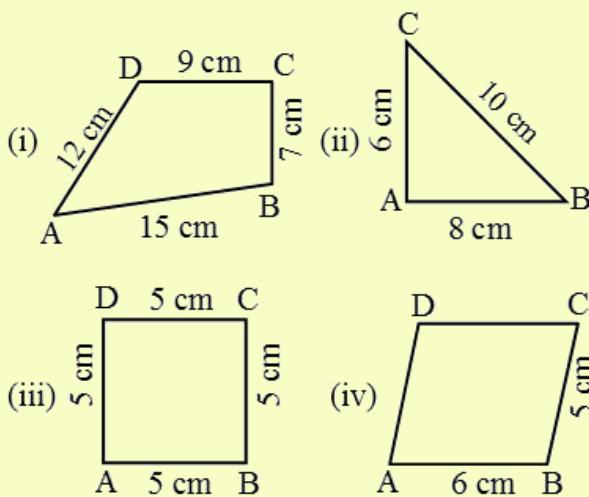
a.) Quadrilateral b.) Triangle c.) Oval d.) Rhombus

Q2. Colour the part according to the fraction given: (3)



Q3. (a) Find the smallest 4-digit number that is exactly divisible by 16, 18 and 24. (2)
 (b) Find the sum of predecessor of -986 and successor of -245. (2)

Q4 (a.) Parul runs twice around a square park with side 50m, whereas Hitien runs thrice around a rectangular park with length 100m and breadth 75m. Who covers less distance? (3)
 (b.) Find the perimeter of the following polygons : (2)



Q5. The table below shows the favourite colour of 200 kids in a class. (3+1=4)

Favourite Colours	Red	Green	Blue	Yellow	Orange
Number of students	45	17	50	48	40

a) Represent the given information using bar graph by taking appropriate scale and answer the following questions:

(i) Which colour is the most preferred and which colour is the least preferred? (1)
 (ii) How many kids chose red as their favourite colour?
 b) The lengths in centimetres (to the nearest centimetre) of 30 carrots are given as follows:

(3+1=4)

15, 22, 21, 20, 22, 15, 15, 20, 20, 15, 20, 18, 20, 22, 21,
 20, 21, 18, 21, 18, 20, 18, 21, 18, 22, 20, 15, 21, 18, 20

Arrange the data given above in a table using tally marks and answer the following question:

(i) What is the number of carrots which have a length of more than 20 cm?
 (ii) Which length of the carrots occur a maximum and minimum number of times?

Subject- Science

Q1. Riya keeps a steel bowl filled with water in the freezer. After a few hours, she takes it out and places it on the kitchen table.

- a) Identify the change of state that occurs in the bowl inside the freezer. (1)
- b) Name the process that causes water to change back into liquid on the table. (2)
- c) Explain why water droplets appear on the outer surface of the bowl after some time. (2)

Q2. A village near a river faces water scarcity during summer despite receiving good rainfall in the monsoon season.

- a) Name one natural treasure related to this situation. (1)
- b) Suggest two methods by which the villagers can conserve this treasure. (2)
- c) Explain how conserving this resource will benefit both humans and nature. (2)

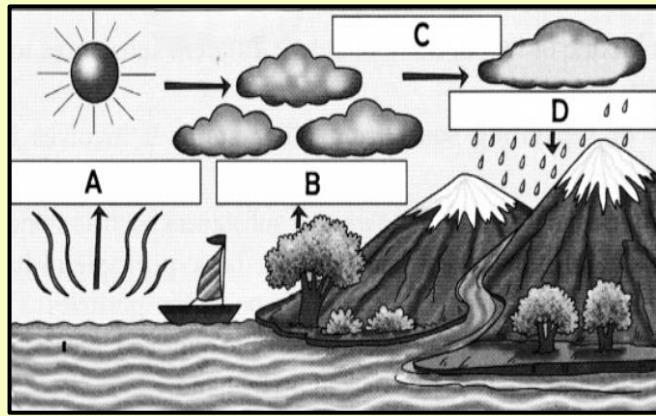
Q3. A clay pot (matka) is commonly used in summer to store drinking water. Even on very hot days, the water in the matka remains cool.

- a) Name the process responsible for cooling water in a matka. (1)
- b) Explain how this process occurs in a matka. (2)
- c) Explain why this method is more effective in summer than in winter. (2)

Q4. A factory is set up near a forest area to increase employment opportunities. After a few years, many animals are seen migrating away from the forest.

- a) Name the natural treasure being affected by this situation. (1)
- b) State two reasons why animals may be forced to leave the forest. (2)
- c) Suggest two steps that can be taken to protect this natural treasure. (2)

Q5. Observe the following picture carefully.



- a) Identify the processes of A, B, C, and D. (2)
- b) Describe the process of formation of clouds. (1)
- c) In hill stations, rain often turns into snowfall during winter. Which stage of the water cycle is taking place here? (1)
- d) Suggest one method to conserve water during summer. (1)

Subject- Social Science

History

No. of Questions -5

Q1. What do you understand by the term genetics? (1)

Q2. Give two reasons why early humans moved from place to place (1)

Q3. Mention the various sources of history. Explain any two of them with examples. (2)

Q4. Early civilisations such as the Harappan civilisation developed near rivers like the Indus. Explain why rivers were important for the growth of early civilisations. (3)

Q5. Archaeological remains show that the Harappan civilisation had planned cities with proper drainage systems and brick houses. What do these features tell us about Harappan society and administration? (3)

Civics

No. of Questions -5

Q1. Mention any two functions of the Gram Panchayat. (1)

Q2. Write two differences between a Gram Panchayat and a Municipality. (1)

Q3. Explain the structure of local self-government at the village level in India. (2)

Q4. Describe any three functions of urban local bodies. (3)

Q5. The villagers of Rampur want to discuss the use of government funds for village development.

- (a) Which institution allows all adult villagers to participate?
- (b) Why is this institution important?
- (c) Mention one decision taken in this meeting. (3)

Geography

No. of Questions -5

Q1. Ravi notices that one continent lies almost entirely in the Southern Hemisphere and is surrounded by oceans.

- (a) Identify the continent.
- (b) Mention one special feature of this continent. (1)

Q2. A farmer prefers to live in an area with level land and good transport facilities.

- (a) Which landform will he choose?
- (b) Give one reason for this choice. (1)

Q3. Riya is planning a school project on different landforms of the Earth. Explain how mountains, plains, and plateaus are useful to human beings. (2)

Q4. Oceans play an important role in shaping the Earth and supporting life. Explain any three ways oceans are important. (3)

Q5. Explain the major landforms of the Earth and describe how each landform is useful to human beings. (3)

Subject- Sanskrit

No of Questions -5

M.M.: 25

सामान्य निर्देशाः—

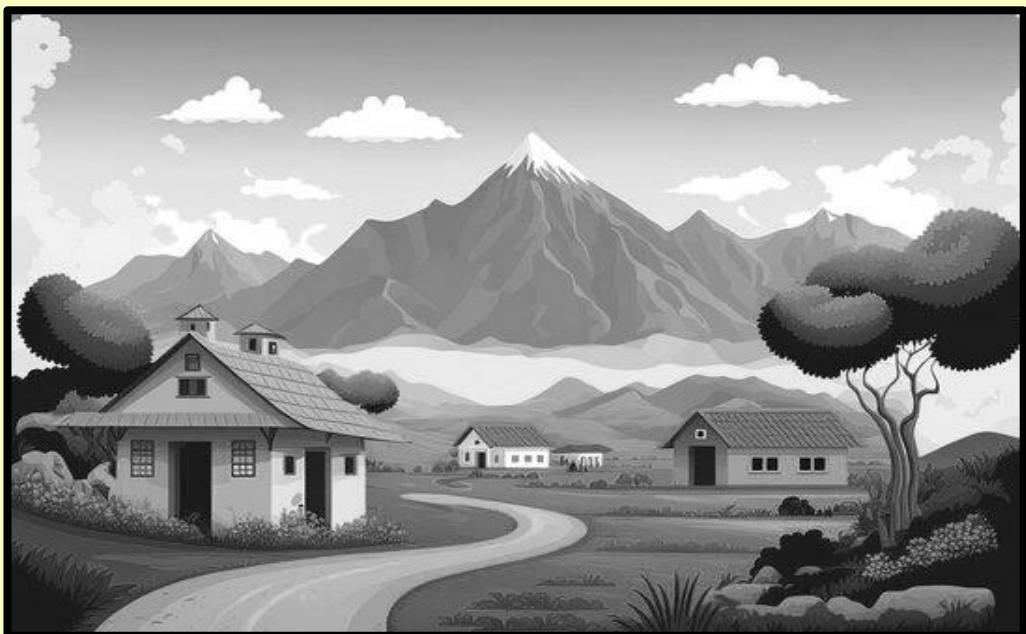
- प्रदत्त प्रश्नानाम् उत्तरम् संरक्षत पुस्तिकायाम् एव लिखत ।
- प्रश्नानाम् उत्तरम् पूर्णवाक्येन लिखित्वा रिक्तस्थानानि रेखांकित करणीय ।
- कार्यम् रूपात्, शुद्धं एवं स्पष्टं लेखम् एव लेखनीय ।

(खण्ड 'क') रचनात्मक लेखन

प्रश्न 1 चित्रम् दृष्ट्वा दत्तपदानां सहायतया रिक्तस्थानानि पूरयत —

(1×4=4)

मञ्जूषा = पर्वताः, ग्रामम्, मेघाः, गृहाणि ।



- आदिमन् चित्रे एकम् ----- अस्ति ।
- आकाशे ----- सन्ति ।
- ग्रामे अनेकानि ----- सन्ति ।
- अत्र अनेके ----- अपि सन्ति ।

प्रश्न 2 अधोलिखिते संवादे मञ्जूषायाः उचितपदानि चित्वा रिक्तस्थानानि पूरयत-

(1×4=4)

मञ्जूषा = ग्रीष्मावकाशे, आम्, गमिष्यसि, हिमाचल प्रदेशम्

सौम्या - हे दिल्ये! त्वम् ग्रीष्मावकाशे कुत्र (1)?

दिव्या - सौम्य! अहम् (2) हिमाचल प्रदेशम् गमिष्यामि ।

सौम्या - दिव्ये! किम् (3) सुन्दरं स्थानम् अस्ति?

दिव्या - (4) तत् स्थानम् तु अतीव सुन्दरम् अस्ति ।

खण्ड 'ख' अनुप्रयुक्त व्याकरणम्

प्रश्न 3 निम्न प्रश्नानाम् उत्तराणि उचित विकल्पम् चिन्वा लिखत ।

(क) धातु रूपाणि लिखत—

(1×3=3)

(i) 'गम्' धातु- लट्लकारः ,मध्यम पुरुषः, बहुवचने उचित रूपम् किम् भवति?

(क) गच्छामि (ख) गच्छति (ग) गच्छथ

(ii) 'खाद' धातु- लृट्लकारः ,उत्तम पुरुषः, एकवचने उचित रूपम् किम् भवति ?

(क) खादिष्यासि (ख) खादिष्यामि (ग) खादिष्यावः

(iii) 'क्रीड' धातु- लोट्लकारः ,प्रथम पुरुषः, द्विवचने उचित रूपम् किम् भवति?

(क) क्रीडताम् (ख) क्रीडतम् (ग) क्रीडन्तु

(ख) शब्दरूपाणि लिखत—

(1×3=3)

(i) 'मित्र' शब्द पाष्ठी विभक्तिः, द्विवचने उचित रूपम् किम् भवति ?

(क) मित्रैषु (ख) मित्रयोः (ग) मित्रैः

(ii) 'बालिका' शब्द दृतीया विभक्तिः, एकवचने उचित रूपम् किम् भवति ?

(क) बालिकाम् (ख) बालिकाभ्याम् (ग) बालिक्या

(iii) 'किम्' शब्द (पु0) प्रथमा विभक्तिः, बहुवचने उचित रूपम् किम् भवति ?

(क) के (ख) कम् (ग) काः

प्रश्न 4 (क) अधोलिखितवाक्येषु उचितं संख्या पदम् चिन्वा रिक्त स्थानानि पूरयत - (1×3=3)

(i) वृक्षेषु —— (38) वानराः कूर्दन्ति ।

(क) द्वाविशतिः (ख) सप्तत्रिशत् (ग) अष्टात्रिशत्

(ii) सः —— (45) पाठन् स्मरति ।

(क) अष्टचत्वारिशत् (ख) पञ्चचत्वारिशत् (ग) त्रिशत्

(iii) रमा —— (23) पुरुषकानि आनयति ।

(क) त्रयोविशतिः (ख) द्वाविशतिः (ग) त्रिशत्

(ख) अधोलिखितवाक्येषु उचितं अव्यय पदम् चिन्वा रिक्त स्थानानि पूरयत —

(1×3=3)

(i) पुत्रः जनकेन —— देवालयम् गच्छति ।

(क) सह (ख) शतः (ग) शीघ्रम्

(ii) गजः —— चलति ।

(क) अधुना (ख) शनैः - शनैः (ग) कदा

खण्ड 'ग' पठित अवलोधनम्

प्रश्न ५ (क) निम्नलिखित रेखांकित शब्दानाम् प्रश्ननिर्माणम् करुत — (1×3=3)

(i) वानराः वृक्षेषु कुर्दन्ति ।

(ii) क्वे गीतम् गायति ।

(iii) रमा उद्यानात् पुष्पाणि आनयति ।

(ख) निम्नलिखित संस्कृत शब्दानाम् हिन्दी भाषायाम् अर्थ लिखत— (1×2=2)

आपणं , सुरसेनानी,

Subject: Computer Science

No of Questions -5

**M.M.: 25
(½x20=10)**

Q1. Write the output of the following functions.

- a) =max(-34,78,-67,-55,99,-54,-99)
- b) =average(2,4,6,8,10)
- c) =sum(8,88,888)
- d) =power(4,5)
- e) =concatenate("Hi"," How", " Are", " You?")
- f) =len("Logical Functions")
- g) =min(54,65,23,-88,54,-99,34)
- h) =product(3,6,9)
- i) =mod(72,7)
- j) =int(196.567)
- k) =round(196.567,2)
- l) =count(0,1,2,3,4,5,6,7,8,9,10,11,12,13,14,15)
- m) =abs(-987)
- n) =left("Programming",6)
- o) =right("Programming",6)
- p) =upper("python")
- q) =lower("LANGUAGE")
- r) =today()
- s) =now()
- t) =sqrt(49)

Q2. Differentiate between the following:

(1x2=2)

- a) Interactive mode and Script mode
- b) input() and print () functions

Q3. Identify the datatype for the following:

(1x5=5)

- a) X=10
- b) Y=123.67
- c) Name= "A"
- d) Product= "eraser"
- e) T= "27.4"

Q4. Answer the following questions:

(1x5=5)

- a) Write the full form of IDLE.
- b) Which function key is used to run the Python program?
- c) What does the given symbol >>> indicate in Python?
- d) Write an IF Function in MS Excel to print 'Grade A' if marks are above 90, else print "Grade B"
- e) Write an example for the following animations in PowerPoint
 - a) Entrance
 - b) Emphasis

Q5. Label the components of the MS Excel chart given below.

(1/2x6=3)

