

SUBJECT : MATHEMATICS

Time : 3 hrs.

M.M. : 80

General Instructions :

- (i) All questions are compulsory.
- (ii) Read all questions very carefully.
- (iii) Questions 1 to 10 carry 1 mark each.
- (iv) Questions 11 to 18 carry 2 marks each.
- (v) Questions 19 to 28 carry 3 marks each.
- (vi) Questions 29 to 34 carry 4 marks each.

Q1. Fill in the blank :

$$\frac{6}{11} = \frac{18}{\square}$$

- Q2. Rahul covers 'x' km in one hour. How much distance will he cover in 3 hours?
- Q3. Find the area of a square with side 4cm.
- Q4. What is the representation of data through pictures of objects called as?
- Q5. Write 14.106 in words.
- Q6. Write the greatest negative integer.
- Q7. Find the perimeter of a regular pentagon with each side measuring 4cm.
- Q8. Take Prince's present age to be y yrs. Prince's grandfather is 6 times his age. What is the age of his grandfather?
- Q9. Determine if 12:18 :: 28:14 are in proportion.
- Q10. Write 0.75 as fraction in lowest term.
- Q11. Write all the integers between -5 and 4 in increasing order.

- Q12. A piece of string is 60cm long. What will be the length of each side, if the string is used to form an equilateral triangle?
- Q13. Express 5cm 4mm as cm using decimals.
- Q14. Find the ratio of 500ml to 3 litres.
- Q15. Give expression for the following cases :
- $-y$ multiplied by 5.
 - x multiplied by -7 and then 4 is added to the result.
- Q16. Represent -6 on the number line.
- Q17. Which is greater : 4.501 or 4.52?
- Q18. A table top measures 3m by 2m50cm. What is its area in square meters?
- Q19. The pictograph given below represents the students learning yoga in 5 classes of a school. Study the pictograph and answer the questions below it. Scale : ☺ = 10 students

Classes	Number of Students
A	☺☺☺
B	☺☺☺
C	☺
D	☺☺☺☺☺
E	☺☺☺☺☺☺

- Which class has the least number of students? How many are they?
 - Which class has the greatest number of students? How many are they?
 - How many more students are in class A than in class B?
- Q20. Using number line, add the following integers :
- $$(-6) + (+4) + (-3)$$

Q21. Pick out solution from the values given in the bracket next to the equation. Show that the other values do not satisfy the equation :

$$x - 5 = 3 \quad (0, -1, 8, -10)$$

Q22. Find the cost of fencing a rectangular park of length 250m and breadth 175m at the rate of ₹12 per metre.

Q23. Construct 135° angle with ruler and compass.

Q24. Divide 40 chocolates between Gaurav and Anil in the ratio of 3:2.

Q25. Find the sum of : $0.48 + 6 + 2.810$

Q26. Draw a circle of radius 5cm. Draw any two of its chords. Construct the perpendicular bisectors of these chords. Where do they meet?

Q27. A tennis player has won the following number of matches in tournaments during last few months :

1, 2, 0, 1, 3, 1, 4, 2, 1, 2, 3, 4, 0, 0, 1, 2, 2, 3, 2, 1, 6, 3, 5,
1, 0, 1, 2, 5, 6, 5.

Organise the above data in tabular form using tally marks.

Q28. If 250g of tomatoes can make enough soup for 5 people, what weight of tomatoes is needed to make soup for 8 people?

Q29. Fill in the blanks with $>$, $<$ or $=$ sign :

(a) $62 - (-14)$ _____ $73 + (-4)$

(b) $(-13) - (-42)$ _____ $(-42) - (-13)$

Q30. How many tiles whose length and breadth are 12cm and 5cm respectively will be needed to fit in a rectangular region whose length and breadth are 100cm and 144cm respectively?

Q31. (a) (i) In a year, Reema earns ₹2,50,000 and saves ₹50,000. Find the ratio of money that Reema saves to the money she earns in a year.

(ii) Write the integer which is 2 more than -3.

(b) Determine if the following ratios form a proportion. Also, write the middle term and extreme term if it forms a proportion :

39 litres : 65 litres and 6 bottles : 10 bottles.

Q32. Draw any line segment \overline{AB} . Mark a point M on it. Through M draw a perpendicular to \overline{AB} using ruler and compasses. Write its steps of construction.

Q33. Sunita travels 15km 268m everyday. Out of this she travels 4km 302m by bus and the rest by auto. How much distance does she travel by auto?

Q34. The table shows the number of students participating in various sports. Draw a bar graph.

Sports	Table Tennis	Basketball	Cricket	Volley Ball
Number of Students	45	30	50	35

SUBJECT : INTEGRATED SCIENCE

Time : 2½ Hrs.


M.M.: 80


General Instructions :

- (i) All questions are compulsory.
- (ii) Mention correct question number and part for each answer.
- (iii) Attempt the questions in the same sequence as given in question paper.

PART-A

Q1. Answer the following in one sentence each : (1x15=15)

- (a) Identify the solute in the following solutions :
 - (i) Saline water
 - (ii) Aerated drinks
 - (b) X and Y are the two bones to which the two ends of the ribs are attached to form a rib cage. Identify X and Y.
 - (c) Define vermicomposting.
 - (d) On bringing a magnet near iron-filings, Shyam found that they got attracted towards it. Draw a diagram to show the way iron-filings stick to the magnet.
 - (e) Write any one feature which helps a bird to reduce its body weight.
 - (f) Buckets containing sand are kept handy at petrol pumps. Give reason.
 - (g) The magnet in fig (i) was broken into two parts from the centre. Mark the N and S poles of the two magnets in fig (ii).
- (i) 

(ii) 
- (h) A gardener in a park collects the leaf litter and burns it. Suggest a better method to clear the park of the leaf litter.

(i) An earthworm makes the soil more useful for plants. Justify.

(j) Which part of the skeleton is shown in the figure given below? Write the joint involved.



(k) Write one application of expansion on heating and contraction on cooling.

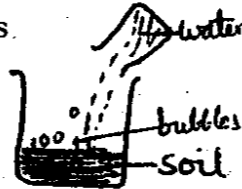
(l) Give an example of a pair of organisms having prey and predator relationship. Also mention which one is the prey.

(m) Mention the property on which the separation of the following mixtures would be based

(i) mixture of husk and wheat

(ii) mixture of flour and raisins.

(n) Which activity is being demonstrated in the figure given alongside?



(o) There are two materials A and B. When material A is held in front of our eyes, we cannot see anything at all. But when material B is held in front of our eyes, we can see through it only faintly, but not clearly. What type of materials are A and B?

Q2. Fill in the blanks :

(1x5=5)

(a) A solution in which no more solute can be dissolved in a solvent at a particular temperature is called _____.

(b) _____ is a natural magnet.

(c) Red worms do not have teeth. They have _____ for grinding their food.

(d) _____ is the component of air that supports burning.

(e) Light travels in a _____ line.

Q3. Give a technical term for : (1x5=5)

- (a) The living component of a habitat.
- (b) The process of settling down of heavy solid particles at the bottom of a container containing a mixture of a liquid and an insoluble solid.
- (c) The process of breaking down of food to give energy.
- (d) Special pits for dumping solid waste.
- (e) The blanket of air surrounding the earth.

PART-B

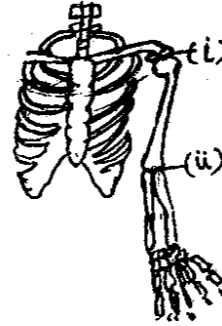
Q4. Answer briefly : (2x10=20)

- (a) Shyam wants to convert an iron nail into a magnet. What precautions should he take while making a magnet?
- (b) Describe any two adaptations present in the following organisms which help them to survive in their habitat
 - (i) Camel
 - (ii) Lion
- (c) You are given a magnet with no markings, indicating its poles. How can you identify its poles by using another bar magnet with markings?
- (d) Given below are a number of reversible changes. Write whether they represent evaporation or condensation
 - (i) a hair dryer dries your hair
 - (ii) clouds formed on a hot day over the sea
 - (iii) clothes dry in sunlight
 - (iv) glass containing ice cubes have water droplets on their outer surface.
- (e) Define cartilage. Name any two places in your body where it is found.
- (f) A snail has no bones but only muscles. Write the features which help a snail to move.
- (g) Write the characteristic of living organisms that is

illustrated by each of the following statements

- (i) Leaves of touch-me-not plant fold on touch
- (ii) Last year Raghav's height was 152 cm. This year his height has increased by 3 cm.
- (h) Excretion is the process of getting rid of wastes by the living organisms. How do plants excrete wastes?

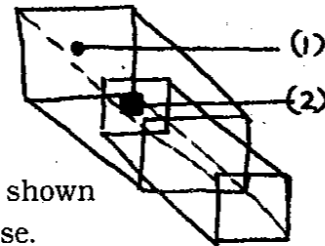
- (i) Identify joints (i) and (ii) in the figure given alongside and write any one difference between them.



- (j) How is a shadow formed? Name any three conditions required for the formation of shadows.

Q5. Answer the following : (3x5=15)

- (a) (i) Write the percentage of oxygen and nitrogen in air.
- (ii) Write any four uses of air.
- (b) Explain the construction and working of a magnetic compass.
- (c) In 2012, Delhi government put a strict ban on the use of plastic carry bags. Justify the government's action by stating any three disadvantages of plastics.
- (d) Explain with examples two methods of separation used in the kitchen to clean pulses before cooking.
- (e) Look at the diagram given below and answer the questions that follow :



- (i) Identify the device shown above and write its use.

(ii) Label parts (1) and (2)

(iii) Name the principle on which this device works

Q6. Draw neat and well-labelled diagrams of :

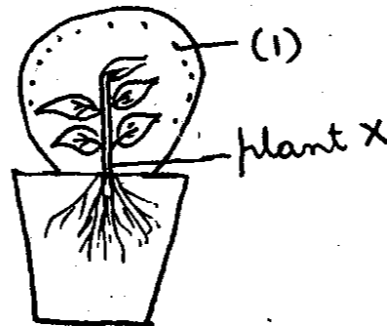
(a) Types of magnets

(b) A seed from a plant germinates into a new plant.

(c) Making of a ball and socket joint. (4+3+3)

Q7. Answer in detail : (5x2=10)

(a) Look at the diagram given below in which a leafy potted plant 'X' is enclosed in an airtight, transparent plastic bag.



(i) Name and define the process demonstrated by the given plant X

(ii) Identify the substance (1) collected inside the plastic bag after sometime.

(iii) If plant X is replaced by a cactus plant, will the amount of (1) remain same? Give reason.

(b) Name the organism showing the following adaptations. Explain the significance of each adaptation

(i) stay in burrows

(ii) highly divided ribbon like leaves

(iii) strong back legs

(iv) strong hooves

(v) streamlined body shape

Roll No. _____ Date _____ Class : VI Section _____

SUBJECT : SCIENCE (MULTIPLE CHOICE QUESTIONS)

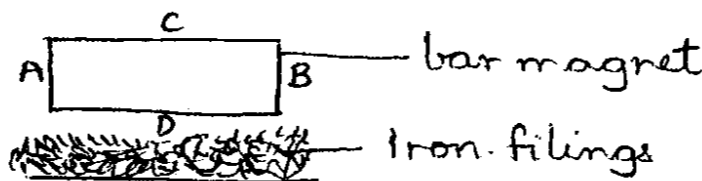
Time : 30 minutes

M.M.: 15

General Instructions :

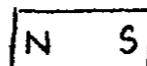
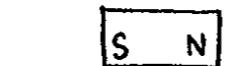
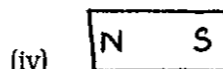
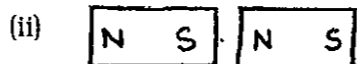
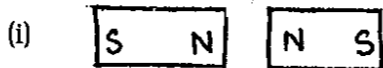
- (i) Attempt all questions.
- (ii) There are 15 multiple choice questions in total. Only one of the options in every question is correct. Put a (✓) against the correct option.
- (iii) Each question carries 1 mark.
- (iv) Do not use white fluid on these sheets.
- (v) Use only pen to mark the answers.

Q1. Rahul spread some iron-filings on a piece of paper and placed a bar magnet over it as shown in the figure given below :



Maximum iron-filings will stick to points -

- (a) A and C
 - (b) A and B
 - (c) C and D
 - (d) B and D
- Q2. Which of the following is not the characteristic of the image formed by a pinhole camera?
- (a) upside down
 - (b) same size as the object
 - (c) smaller than the object
 - (d) coloured
- Q3. The diagrams below show pairs of magnets. Which pairs of magnets will attract each other



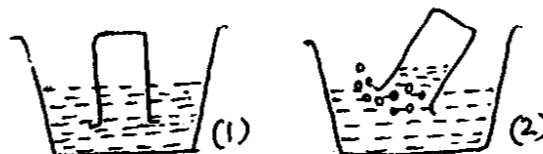
- (a) both (i) and (ii)
- (b) both (iii) and (iv)
- (c) both (ii) and (iv)
- (d) both (ii) and (iii)

- Q4. The joint which helps us to turn our head from left to right is -
- (a) ball and socket joint (b) pivotal joint
- (c) hinge joint (d) gliding joint

- Q5. The image formed by a plane mirror is -
- (a) inverted
- (b) of the same size as that of the object
- (c) smaller in size than that of the object
- (d) independent of the object

- Q6. Rahul wants to prepare vermicompost. During vermicomposting he can use -
- (A) dried animal dung
- (B) green leaves, dried stalks of plants and husk
- (C) shiny or plastic coated paper
- (D) egg shells
- (a) (A), (B), (D) are correct (b) (A), (B), (C) are correct
- (c) (C) and (D) are incorrect (d) only (D) is incorrect

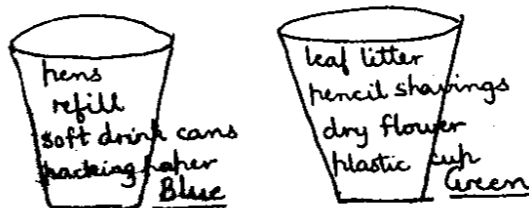
- Q7. Raghav dipped an empty bottle upside down in a trough of water as shown in figure (1). He found that water did not enter the bottle. What does the given activity demonstrate?



- (a) water occupies space (b) air occupies space
- (c) water has weight (d) air has weight
- Q8. Now Raghav tilted the bottle slightly (Refer to Q7). He found bubbles coming out as shown in figure (2). These bubbles indicate -
- (a) air displaces water (b) water displaces air
- (c) soil displaces air (d) soil displaces water
- Q9. You find the inside of the car window getting foggy in winters. This is because of
- (a) condensation (b) melting
- (c) sublimation (d) evaporation

- Q10. Which of the item given below is listed in the wrong garbage bin?

- (a) refills
- (b) dry flower
- (c) plastic cup
- (d) leaf litter

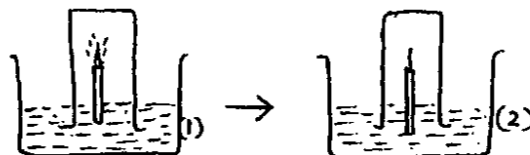


Q11. Which of the following has the most harmful effect on the environment?

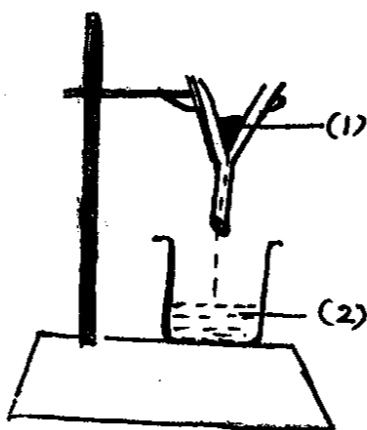
- | | |
|------------------|-------------------------------|
| (a) paper waste | (b) vegetable and fruit waste |
| (c) plastic bags | (d) dried leaves |

Q12. The candle in the figure (1) gets extinguished after sometime. The above activity proves that -

- (a) oxygen supports burning
(b) carbon-di-oxide supports burning
(c) nitrogen supports burning
(d) water vapour supports burning



Q13. The figure given below represents the method of -



- | | |
|-----------------|-------------------|
| (a) filtration | (b) sedimentation |
| (c) decantation | (d) evaporation |

Q14. Part (1) and (2) in the above figure are -

- | | |
|--------------------------------------|-------------------------------------|
| (a) 1 - sediment, 2 - decanted water | (b) 1 - sediment, 2 - filtrate |
| (c) 1 - residue, 2 - filtrate | (d) 1 - residue, 2 - decanted water |

Q15. Which of the following mixtures can be separated by the method shown above in Q13.

- | | |
|--|----------------------------------|
| (a) a mixture of sand and chalk powder | (b) a mixture of sand and water |
| (c) a mixture of salt and water | (d) a mixture of sugar and water |

Time : 3 Hrs.

M.M.: 80

General Instructions :

1. **Read the questions carefully.**
2. **Number the answers as given in the question paper.**
3. **Write in a neat and clear handwriting.**
4. **Write the answers in complete sentences.**

SECTION-A (READING)

- Q1. Read the passage given below and answer the questions that follow : (8)

The Mares - A Marathi tale

Once, a merchant dealing in horses came to Poona, tagging along with him two Arab mares. They were handsome and were alike as two peas in a pod. One rarely saw such fine specimens in that part of the country and offers of purchase poured in. Many buyers were ready to pay any amount for the mares but they were not for sale! They were to be presented to the ruling Peshwa. But on one condition! The two mares were, in reality, mother and filly. But there was not a sign to point out which was which. 'I pose a simple question,' said the merchant. 'Which of the two mares is the mother? Which the daughter?' It was almost impossible to make out. The same height, the same gait, the same swiftness marked the two. 'I have heard a great deal about the Poona Durbar,' smiled the merchant. 'I have now come to find out for myself. Distinguish correctly between my mares and I will hand them over. I will become your admirer for life.' All eyes turned to the Peshwa and he accepted the challenge. After a few days, the Peshwa called the merchant along with his mares and his wise men to the banks of Mutha river. The river flowed fiercely, tumbling forward with great force.

'Drive the mares into the water,' cried the Peshwa.

'Let them reach the other bank.' The poor creatures were forced into the raging river. The mares found it very difficult to reach the other bank. The people on the bank watched tensely. Then suddenly, one mare plunged forward and took the lead. The other followed close behind.

'There!' cried the Peshwa. 'The one in front is the mother. Being the elder and more experienced, she leads the way. She braves danger herself like all good mothers.'

'Look! They have reached the other bank safely.' Everyone looked at the merchant. 'Well?' asked the Peshwa. 'Your Highness', said the merchant, 'the noble animals are now yours.'

- (a) Why were the buyers ready to pay any amount for the two mares? (1)
- (b) Why did the merchant come to Poona Durbar? (1)

- (c) The Peshwa accepted the challenge given by the merchant. What was the challenge? (1)
- (d) How could the Peshwa differentiate between the mare and its filly? (2)
- (e) Find the opposites of the given words from the story - (2x1=2)
- (i) backward (ii) lost
- (f) Complete the sentence :
The mares were not for sale because _____.

Q2. Read the poem given below and answer the questions that follow : (7)

The Chase

Her pudgy feet ran through the grass.
Sparkling in the morning dew
Her footprints left a trail behind her,
Impressions on the cold ground.
She ran,
Her feet stumbling on unfamiliar territory.
She tripped and stumbled to the ground.
She rose without hesitation and again began her pursuit
Of the beautiful winged creature.
Its wings carried it higher
Faster than her little feet could take her.
She closed the gap,
It was nearly in her reach
She sprung from the ground,
A single finger brushing a delicate wing
Then it was off and she hit the ground.
Yet she ran,
Willing herself to go faster.
It fluttered away,
Soaring to the sky;
While she stayed grounded
Her face misted
Her knees green,
But with a smile forming.
She accomplished her goal.
She touched the butterfly.

- (a) What do the words 'the beautiful winged creature' refer to? (1)
- (b) Describe the girl's first attempt to catch the butterfly. (1)
- (c) Why were the little girl's knees green? (1)

- (d) 'But with a smile forming'. What does the smile indicate? (1)
(e) Though she couldn't catch the butterfly, what made the girl happy? (1)
(f) Find words from the poem which mean the same as the given words : (2x1=2)
(i) fly high (ii) walk unsteadily

SECTION-B (WRITING)

- Q3. You are Amit/Amrita, a resident of 45 B, Model Town, New Delhi. Write a letter to the editor of 'Hindustan Times', New Delhi expressing your views on the need to maintain the park in your area. (6)
- Q4. Read the following telephonic conversation between Sunny's class teacher, Mrs. Sharma and his elder brother, Monty. As Sunny is not at home to take the call and Monty himself has to go out, he leaves a message for Sunny. Write the message in not more than 50 words. (4)

Mrs. Sharma : Hello! Is this Sunny speaking?

Monty : No, I am Monty, his elder brother.

Mrs. Sharma : I am Sunny's class teacher, Mrs. Sharma.

Monty : Good afternoon, Madam. Actually Sunny has gone out.

Mrs. Sharma : Please tell Sunny that he has been selected as the representative of our school for the Inter-School Slogan Writing Competition which will be held on 15 March at D.A.V. Public School. Tell him to call me when he comes back.

Monty : I'll convey your message to him.

Mrs. Sharma : Thank you, Monty.

- Q5. Co-curricular activities like art, dance, music, yoga etc. are very important in a student's life. Look at the picture given below and write a paragraph in about 80-100 words describing the importance of co-curricular activities in shaping a student's personality.



SECTION-C (GRAMMAR)

- Q6. Rewrite the given sentences using the opposites of the underlined adjectives : (4x½=2)
- (a) Tina, Deepesh and Monish decided to race across the wide road. The slow runner, Monish, won the race.
 - (b) Rahul slipped and fell into a shallow pond. He got a start when he saw a tiny fish swimming next to him.
- Q7. Fill in the blanks with the correct form of verbs given in brackets : (4x½=2)
- (a) The children _____ interesting questions at the end of the counselling session. (ask)
 - (b) We _____ with our grand parents for a long time last summer. (stay)
 - (c) Mary _____ to her office every morning because she believes walking is a good exercise. (walk)
 - (d) I _____ my cousin's wedding which is planned for the next month. (attend)
- Q8. Change the words given in brackets into adverbs and complete the sentences : (4x½=2)
- (a) The water filter company renews the contract _____. (annual)
 - (b) Neelam was walking _____ when I entered the park. (brisk)
 - (c) I like the fact that Neha does all her work _____. (independent)
 - (d) I tiptoed _____ around the house in order not to wake up the baby. (quiet)
- Q9. Fill in the blanks with appropriate prepositions : (6x½=3)
- Dorothy got ready _____ the journey _____ the Emerald City. She took a little basket and filled it with bread _____ the cupboard. She started walking _____ the forest. The walk tired her and she sat _____ a tree. After sometime, she resumed her journey, reached a small cottage and knocked _____ the door.
- Q10. Fill in the blanks with suitable articles : (4x½=2)
- Parent : Have you seen _____ Principal?
- Receptionist : Yes, he is taking _____ meeting. You have to wait for _____ hour and _____ half to meet him.
- Q11. Rewrite these sentences in the passive form : (2x1=2)
- (a) My brother has clicked this beautiful photograph.
 - (b) Maria gave wonderful gifts to some poor children.
- Q12. Join each pair of sentences by using suitable conjunctions : (2x1=2)
- (a) Coal is black. Diamonds are crystal clear.
 - (b) Rahul missed his bus. His father dropped him to school.

Q13. Rewrite the given sentences by changing the underlined nouns into their plural forms: (6x½=3)

- (a) The policeman could not catch the robber.
- (b) The mango kept on the shelf looked delicious.
- (c) Do you know the child and the lady standing outside?

Q14. Fill in the blanks with suitable pronouns to complete the dialogue : (4x½=2)

A little girl came home from school and said to _____ mother, "Mother, today in school _____ was punished for something that I didn't do."

The mother exclaimed, "But that's terrible! I am going to have a talk with your teacher about this. By the way, what was it that _____ didn't do?"

_____ replied, "My homework."

SECTION-D (LITERATURE)

Q15. Read the extracts given below and answer the questions that follow :

- (A) Do whatever you have to do, (3x1=3)
With a true and earnest zeal;
Bend you sinews to the task,
Do it with an honest will.

(a) Who is being addressed by the poet, in the poem 'Children Who Are Wanted Every Hour'?

(b) According to the poet what type of children are always in demand?

(c) Explain the phrase "true and earnest zeal".

- (B) My dear cousin, it's all very true, (3x1=3)
But indeed they would love me no better than you,
If I were but half as much mischief to do.

(a) Who is being referred to as 'dear cousin'?

(b) Why is the speaker liked by everyone?

(c) What mischief did the speaker's cousin do?

- (C) "Swallow, swallow, little swallow," said the Prince, "Will you not stay with me for one night, and be my messenger? The boy is so thirsty, and the mother so sad." (3x1=3)

(a) Where was the swallow going?

(b) Why did the Happy Prince want the swallow to stay with him for one night?

(c) Why was the boy's mother unhappy?

Q16. Answer the given questions in 30-40 words each : (2x2=4)

(a) What was the most remarkable thing that George and Jerome discovered at the end of the story 'Who Caught The Trout'?

(b) How were the Happy Prince and the swallow rewarded for their goodness?

Q17. Answer the given questions in brief : (2x2=4)

(a) What warning does the poet give to the ill-tempered people in the poem 'The Wasp And The Bee'?

(b) What does the poet mean by 'children of spirit' and 'children of muscle, brain and power'?

Q18. Answer the given question in 100-150 words : (1x5=5)

People boast in order to earn praise. Is it appropriate to boast about ourselves? Discuss it with reference to the chapter 'Who Caught The Trout'.

OR

Was Mr. Samuel right in his behaviour with Swami? Give reasons to support your answer.

Q19. Answer the given questions in 30-40 words each : (2x2=4)

(a) How was the dignity of the old hunter carrying rats shattered?

(b) According to the poem 'The Man of Life Upright', why should a person lead an upright life?

Q20. Answer the given question in 80-100 words : (1x4=4)

Why does Durrell call Georgina's attacks on the local population 'expensive'? Give reasons for your answer.

OR

The Chinese brothers used their God-gifted talents and their presence of mind to save themselves. Explain.



**SACHDEVA
GLOBAL SCHOOL**

CLASS - VI	GENERAL KNOWLEDGE	SA - II	25 - 2 - 13
Name:		M M : 20	Time : 1 Hr

EACH QUESTION CARRIES 1 MARK

Tick the correct option for each:

Q1. What is the address of a web page called?

- a) URL b) WWW c) http

Q2. Which of these tells us how much money we have put in and taken out of the bank?

- a) Passbook b) Cheque c) Pay-in-slip

Q3. Which of these is not a search engine?

- a) Google b) Netscape c) Yahoo

Q4. Which of these planets is called the evening star and is the closest planet to Earth?

- a) Mercury b) Venus c) Mars

Identify the countries to which these symbols belong:

Q5



Q6.





**SACHDEVA
GLOBAL SCHOOL**

Name the following:

Q7. He created an artificial gene and was awarded the Nobel Prize for medicine in 1986.

Q8. The smallest bird in the world _____

Q9. A series of living things that are linked to each other for their food. _____

Q10. The longest canal in the world _____

State whether these statements about India are true or false, If false, write the correct answer.

Q11. The name 'India' is derived from the River Indus.

Q12. The father of Medicine, Sushruta consolidated Ayurveda 2500 years ago.

Identify the country with the given clues:

Q13. The Island Continent _____

Q14. A superpower with 50 states _____



**SACHDEVA
GLOBAL SCHOOL**

Identify the God and write what he stand for.

Q15.



Answer the following questions:

Q16. Which organisation has been awarded the Nobel Peace Prize 2012 at Oslo, Norway?

Q17. Which Indian scientist has been honoured with the Order of Canada Award?

Q18. Who is new chairman of Tata Group?

Q19. Who is winner of Laureus Sportsman Award of year 2012?

Q20. Which Indian actress was awarded with an Honorary Doctorate of Arts for her outstanding contribution to Indian cinema by Edinburgh Napier University?

(खण्ड-क)

- प्र1. निम्नलिखित गद्यांश को ध्यानपूर्वक पढ़कर दिए गए प्रश्नों के उत्तर दीजिए :
- ‘विद्यार्थी’ शब्द से मन की आँखों के सामने एक ऐसे बालक का चित्र उभरता है, जो विनम्र, सुशील, परिश्रमी, सत्यवादी और आज्ञाकारी हो। जो समय पर विद्यालय जाता हो और वहाँ मन लगाकर पढ़ता हो। विद्यालय में अच्छी-अच्छी बातें सीखता हो और घर आकर पाठ को दोहराता हो। उससे इन बातों के अलावा कुछ और बातों की भी आशा की जाती है। आदर्श विद्यार्थी बनने के लिए उसे कठोर साधना करनी पड़ती है। उसे सभी प्रकार के सुखों को छोड़ना पड़ता है। विद्यार्थी जीवन का एक-एक क्षण अमूल्य है। उसे समय का मूल्य पहचानना चाहिए। विद्यार्थी जीवन में स्व-अनुशासन का बहुत महत्व है। विद्यार्थी अनुशासन में रहकर अपने मन पर काबू रखता है। आदर्श विद्यार्थी को सदैव अपने गुरु तथा बड़ों का सम्मान करना चाहिए। उन्हें अपने जीवन में ‘सादा जीवन उच्च विचार’ के नियम को अपनाना चाहिए।

- (क) विद्यार्थी से किन गुणों की अपेक्षा की जाती है? (1)
- (ख) विद्यार्थी को किसका मूल्य समझना चाहिए और क्यों? (1)
- (ग) आदर्श विद्यार्थी बनने के लिए क्या करना चाहिए? (1)

- प्र2. निम्नलिखित काव्यांश को ध्यानपूर्वक पढ़कर नीचे दिए गए प्रश्नों के उत्तर दीजिए :

यह कदंब का पेड़ अगर माँ होता यमुना तीरे,
मैं भी उस पर बैठ कन्हैया बनता धीरे-धीरे,
ले देती यदि मुझे बाँसुरी, तुम दो पैसे वाली,
किसी तरह नीची हो जाती, यह कदंब की डाली।

तुम्हें नहीं कुछ कहता, पर मैं चुपके-चुपके आता,
उस नीची डाली से अम्मा, ऊँचे पर चढ़ जाता।
वहीं बैठ फिर बड़े मजे से, मैं बाँसुरी बजाता,
अम्मा-अम्मा कह बंसी के स्वर में तुम्हें बुलाता।

- (क) उपरोक्त काव्यांश में बच्चे की क्या इच्छा है? (2)
- (ख) बच्चा माँ से क्या चाहता है? (1)

(1)

प्र3. निम्नलिखित विषयों में से किसी एक विषय पर 250 शब्दों में निबंध लिखिए। (6)

- (क) पुस्तकें : मेरी सच्ची साथी
- (ख) एकता में बल
- (ग) चलो, वृक्ष लगाएँ

प्र4. आपसे आपके पुस्तकालय की पुस्तक खो गई है। इसके लिए क्षमा माँगते हुए पुस्तकालय अध्यापिका को पत्र लिखिए। (4)

अथवा

नए साल पर अपने जीवन को नई दिशा देने के लिए आपने क्या संकल्प लिए और क्यों? यह बताते हुए मामाजी को पत्र लिखिए।

प्र5. निर्देशानुसार उत्तर दीजिए :

(क) विलोम शब्द बताइए :- जीत, मानवता। (1)

(ख) अनेक शब्दों के लिए एक शब्द लिखिए : (1)

(i) जो नभ में उड़ता हो

(ii) मास में एक बार होने वाला

(ग) दिए गए श्रुतिसम भिन्नार्थक शब्दों से इस प्रकार वाक्य बनाइए कि उनका अर्थ स्पष्ट हो जाए :- नीर, नीड़ (2)

(घ) दिए गए रिक्त-स्थानों में उचित मुहावरों को भरिए : (2)

(i) श्याम ने जैसे ही मेज़ पर खाना देखा, उसके मुँह गया।

(ii) रानी लक्ष्मीबाई ने अपने युद्ध कौशल से शत्रुओं को नाकों दिए।

प्र6. (क) रेखांकित शब्दों के लिंग बदलकर रिक्त-स्थान भरिए : (1)

(i) दरबार में राजा के साथ भी आई।

(ii) मंच पर नायक तथा को पुरस्कार दिए गए।

(ख) रेखांकित शब्द का वचन बदलकर वाक्य पुनः लिखिए : (1)

बकरी घास चर रही है।

(ग) दिए गए रिक्त-स्थानों की पूर्ति उचित सर्वनाम से कीजिए : (1)

(i) तुम्हारे पिताजी लाए हैं?

(ii) मैं अपना काम करूँगा।

- (घ) विशेषण रेखांकित करके भेद बताइए : (1)
माँ दो सौ ग्राम मिर्च लाई।
- (ङ) दिए गए शब्दों से विशेषण बनाइए :- नीति, चमक (1)
- प्र7. (क) विशेषण तथा क्रिया-विशेषण में अंतर उदाहरण सहित लिखिए। (2)
- (ख) निम्नलिखित वाक्यों में क्रिया शब्द रेखांकित करके कर्म के आधार पर क्रिया भेद बताइए : (2)
- (i) मोर नाच रहा है।
- (ii) रीमा ने नताशा को गणित पढ़ाया।
- (ग) निम्नलिखित वाक्यों में क्रिया-विशेषण रेखांकित करके भेद बताइए : (2)
- (i) शिशिर कल पटना जाएगा।
- (ii) गुब्बारा ऊपर जा रहा है।
- (घ) दिए गए वाक्यों का शुद्ध रूप लिखिए : (2)
- (i) हमारा देश का नाम भारत है।
- (ii) उसके पास कहानियों की अनेकों पुस्तक है।

(खण्ड-ख)

प्र8. निम्नलिखित काव्यांशों के आधार पर पूछे गए प्रश्नों के उत्तर दीजिए :

- (क) सिंहासन हिल उठे, राजवंशों ने भृकुटी तानी थी,
बूढ़े भारत में भी आई फिर से नई जवानी थी।
गुमी हुई आज़ादी की कीमत सबने पहचानी थी,
दूर फिरंगी को करने की सबने मन में ठानी थी।

चमक उठी सन् सत्तावन में
वह तलवार पुरानी थी।
बुंदेले हरबोलों के मुँह
हमने सुनी कहानी थी।
खूब लड़ी मर्दानी वह तो
झाँसी वाली रानी थी।

- (i) उपरोक्त काव्यांश में भारत को 'बूढ़ा' और उसमें 'नई जवानी' की बात कहकर कवयित्री क्या बताना चाहती हैं? (2)
- (ii) भारतीयों ने क्या निश्चय किया? (1)

(iii) 'बुंदेले हरबोले' शब्द का प्रयोग कवयित्री ने किनके लिए किया है? (1)

(iv) उपरोक्त काव्यांश की कवयित्री का क्या नाम है? (1)

(ख) हम मेहनत वालों ने जब भी मिलकर कदम बढ़ाया
सागर ने रस्ता छोड़ा, परबत ने सीस झुकाया
फौलादी हैं सीने अपने, फौलादी हैं बाँहें
हम चाहें तो चट्टानों में पैदा कर दें राहें
साथी हाथ बढ़ाना।

(i) 'सागर ने रस्ता छोड़ा', परबत ने सीस झुकाया' इस पंक्ति के आधार पर बताइए कि प्रकृति भी मानव के आगे कब हार मान लेती है? (2)

(ii) उपरोक्त काव्यांश में सीने और बाँहों को फौलादी क्यों कहा है? (1)

(ग) (i) राम ने थकी हुई सीता की सहायता कैसे की? 'वन के मार्ग में' पाठ के आधार पर बताइए। (2)

(ii) 'वन के मार्ग में' कविता की कोई दो भाषागत विशेषताएँ लिखिए। (1)

प्र9. निम्नलिखित गद्यांशों को पढ़कर नीचे दिए गए प्रश्नों के उत्तर दीजिए :

(क) रसोईघर या भंडारे में अगर वे कहीं गंदगी या मकड़ी का जाला देख पाते थे तो अपने साथियों को आड़े हाथों लेते। उन्हें सब्जी, फल और अनाज के पौष्टिक गुणों का ज्ञान था। एक बार एक आश्रमवासी ने बिना धोए आलू काट दिए। गांधी ने उसे समझाया कि आलू और नींबू को बिना धोए नहीं काटना चाहिए। एक बार एक आश्रमवासी को कुछ ऐसे केले दिए गए जिनके छिलके पर काले चक्ते पड़ गए थे। उसने बहुत बुरा माना। तब गांधी ने उसे समझाया कि ये जल्दी पच जाते हैं और तुम्हें खासतौर पर इसलिए दिए गए हैं कि तुम्हारा हाज़मा कमज़ोर है।

(i) गांधी जी ने एक आश्रमवासी को क्या दिया और क्यों? (2)

(ii) गांधी जी अपने साथियों को आड़े हाथों कब लेते थे? (1)

(ख) भीतर साँकल लगी थी। दरवाज़ा खटकने की आवाज़ तेज़ हो गई। राजप्पा ने तकिए के नीचे से अलबम उठाया और ऊपर भागा।

अलमारी के पीछे छिपा दे? नहीं। पुलिस ने अगर तलाशी ली तो पकड़ा जाएगा। अलबम को कमीज़ के नीचे छिपाकर वह नीचे आ गया। बाहर का दरवाज़ा अब भी बज रहा था। “कौन है? अरे दरवाज़ा क्यों नहीं खोलता?” अम्मा भीतर से चिल्लाई। थोड़ी देर और हुई तो अम्मा खुद ही उठकर चली आएँगी।

राजप्पा पिछवाड़े की ओर भागा। जल्दी से बाथरूम में घुसकर दरवाज़ा बंद कर लिया। अम्मा ने अँगूठी पर देगची चढ़ा रखी थी। उसने अलबम को अँगूठी में डाल दिया। अलबम जलने लगा। कितने प्यारे टिकट थे। राजप्पा की आँखों में आँसू आ गए।

(i) राजप्पा ने अलबम अँगूठी में क्यों डाल दिया? (2)

(ii) राजप्पा की आँखों में आँसू क्यों आ गए? (1)

प्र10. निम्नलिखित प्रश्नों के उत्तर विस्तार से दीजिए : (2x3=6)

(क) अक्षरों के साथ एक नए युग का आरंभ हुआ। ऐसा क्यों कहा गया है? ‘अक्षरों का महत्व’ पाठ के आधार पर बताइए।

(ख) गांधी जी लंदन क्यों गए थे? वहाँ क्या हुआ? ‘नौकर’ पाठ के आधार पर बताइए।

प्र11. निम्नलिखित प्रश्नों के उत्तर संक्षेप में लिखिए : (3x2=6)

(क) लेखक ने राजप्पा के टिकट एकत्रित करने की तुलना मधुमक्खी से क्यों की है? ‘टिकट अलबम’ पाठ के आधार पर बताइए।

(ख) आश्रम में गांधी जी ने छात्रों से क्या काम करवाया और क्यों?

(ग) अक्षरों की खोज का सिलसिला कब और कैसे शुरू हुआ?

प्र12. (क) दिए गए शब्दों के अर्थ लिखिए : (2)

वनस्पति, फ़ालतू, अगुवा, निपुण

(क) दिए गए शब्दों से वाक्य बनाइए : (2)

शांतिपूर्वक, विकास

प्र13. निम्नलिखित प्रश्नों के उत्तर विस्तार से दीजिए : (3x3=9)

(क) रचित ने खाना क्यों नहीं खाया? रचित की माँ ने उसे कबूतरों की किस विशेषता से परिचित कराया? ‘वापसी’ कहानी के आधार पर बताइए।

(ख) रेनु को गीत प्रतियोगिता में कौन-सा पुरस्कार मिला और क्यों?
'प्रतियोगिता' कहानी के आधार पर बताइए।

(ग) माधव चाचा अब्दुल से क्यों चिढ़ते थे? उन्होंने उसे क्या दंड दिया
और क्यों? 'दोस्ती की परीक्षा' पाठ के आधार पर बताइए।

प्र14. निम्नलिखित प्रश्नों के उत्तर संक्षेप में लिखिए : (3x1=3)

(क) रचित के मित्रों के क्या नाम थे?

(ख) अब्दुल राजू को क्यों बुला रहा था?

(ग) संगीत प्रतियोगिता के अध्यक्ष कौन थे?

SUBJECT : SOCIAL SCIENCE

Time : 3 hrs.

M.M. : 80

General Instructions :

- (i) **Read all the questions carefully and number the answers according to the questions.**
- (ii) **Multiple choice question is to be answered in the answer sheet.**
- (iii) **Write all the answers in a neat and legible handwriting.**
- (iv) **Attempt all the questions.**
- (v) **Write complete sentences for question numbers 2 and 3.**
- (vi) **Attach the maps properly to the main sheet.**
- (vii) **Questions carrying 3 marks should be answered within 60-80 words.**
- (viii) **Questions carrying 5 marks should be answered within 80-100 words.**

Q1. Each question has four options out of which only one is correct. Choose the correct option and write it in the answer sheet. (1x6=6)

- (a) Ashoka's inscriptions were written in _____ script.
 - (i) Devanagari
 - (ii) Brahmi
 - (iii) Sanskrit
 - (iv) Bengali
- (b) Samudragupta's Prashasti was composed by his poet named _____.
 - (i) Harishena
 - (ii) Ravikirti
 - (iii) Banabhatta
 - (iv) None of the above
- (c) In a village, the meetings of Gram Sabha and Gram Panchayat are called by _____.
 - (i) Sarpanch
 - (ii) Commissioner
 - (iii) Secretary
 - (iv) Councillor

- (d) The term "apartheid" means _____
- (i) oneness (ii) justice
(iii) equality (iv) separation
- (e) The place receiving the highest rainfall in the world is _____
- (i) Darjeeling (i) Mawsynram
(iii) Asansol (iv) Cherrapunji
- (f) Mahogany and rosewood trees are found in _____
- (i) mangrove forests
(ii) mountain vegetation
(iii) tropical evergreen forests
(iv) tropical deciduous forests

Q2. Correct the incorrect statements : (1x6=6)

- (a) Many of Chanakya's ideas are written down in a book called the Digha Nikaya.
- (b) Ujjain was the capital city of the Mauryan Empire.
- (c) Zila Parishad Works at the block level.
- (d) Cauvery water dispute is a conflict between Karnataka and Kerala.
- (e) The Andaman and Nicobar islands are located in the Arabian Sea.
- (f) Climate is the day to day change in the atmosphere.

Q3. Answer the following questions in one sentence each : (1x8=8)

- (a) Who was Banabhatta?
- (b) Name any two Chinese pilgrims who came to India to study Buddhism.
- (c) Which dynasty rulers were known as 'Lords of Dakshinapath'?
- (d) Who is a Municipal Councillor?
- (e) List any two sources of income for the panchayats.

- (f) Define the term 'tsunami'.
- (g) Why are bird sanctuaries set up?
- (h) What is a delta?
- Q4. Name the new form of Buddhism. Briefly explain its distinct features. (3)
- Q5. In ancient India, Bhakti became an important part of Hinduism'. Discuss its main features. (3)
- Q6. Briefly write about the means adopted by Ashoka to spread the message of Dhamma. (3)
- Q7. List any three functions of Municipal Corporation. (3)
- Q8. 'Gram Sabha and Gram Panchayat are linked to each other in various ways.' Discuss any three ways. (3)
- Q9. What are the various ways in which the people participate in the process of government? (3)
- Q10. Distinguish between Western Ghats and Eastern Ghats. (3)
- Q11. Explain any three factors affecting the climate of India. (3)
- Q12. Write a short note on Himalayas. (3)
- Q13. Describe the 'Silk Route'. Why did the kings want to control the Silk Route? (5)
- Q14. What is a Prashasti? Give a brief account of Pulakeshin's Prashasti. (5)
- Q15. What is Panchayati Raj System? Explain the various levels of the Panchayat Raj System. (5)
- Q16. Differentiate between Evergreen Forests and Deciduous Forests. (5)
- Q17. Explain Fold mountains and Volcanic mountains, with the help of diagrams. (5)
- Q18. Attempt the following maps.
 - (a) On the provided political map of India, name and mark the following (1x4=4)
 - (i) A centre of Buddhist learning
 - (ii) Capital of Harsha's Empire

- (iii) Place where Ashoka fought his last war
- (iv) The oldest plateau in India
- (b) On the provided political map of the World, name and mark the following : (1x4=4)
 - (i) The country which struggled against the apartheid
 - (ii) A volcanic mountain in Japan
 - (iii) The country where river Yangtze flows.
 - (iv) A young fold mountain range in Europe

SUBJECT : COMPUTER SCIENCE

Time : 2 Hrs.

M.M.: 50

Q1. Choose the correct answer and write it in the answer sheet:

(6x1=6)

- (i) Default number of worksheets in a workbook.
 - (a) 255
 - (b) 3
 - (c) 10
 - (d) 65536
- (ii) Function key used to run or execute QBasic program.
 - (a) F1
 - (b) F10
 - (c) F5
 - (d) F2
- (iii) An electronic document on www
 - (a) Worksheet
 - (b) Workbook
 - (c) Cell
 - (d) Webpage
- (iv) Cell address of a cell in column M and row 20
 - (a) 20M
 - (b) 2MO
 - (c) M20
 - (d) None of these
- (v) Extension of a file created in QBasic
 - (a) .QBA
 - (b) .XLS
 - (c) .PPT
 - (d) .BAS
- (vi) Saving a webpage from our computer onto www
 - (a) Uploading
 - (b) Surfing
 - (c) Downloading
 - (d) Chatting

Q2. Give one word answer for the following statements : (8x1=8)

- (i) It shows address of active cell in MS-Excel.
- (ii) Keyboard keys used to increase size of QBasic screen.
- (iii) Name given to first page in a website.
- (iv) Shortcut key used to select full worksheet in MS-Excel.
- (v) Command used to clear output screen in QBasic.
- (vi) Moving from one webpage to another in search of desired contents on Internet.

- (vii) Data that cannot be changed during program execution.
- (viii) Buying and selling goods on Internet.
- Q3. Answer the following questions : (5x2=10)
- (i) Write any two rules for naming variables in QBasic.
 - (ii) What is MS-Excel?
 - (iii) What is an expression in QBasic program?
 - (iv) How did Internet evolve?
 - (v) Write the steps to increase row height of selected rows of a worksheet.
- Q4. Write the steps to Autoformat a selected range of cells in a worksheet. (3)
- Q5. What are variables? Explain the types of variables available in QBasic. (3)
- Q6. Explain the following : (3x1=3)
- (i) WWW (ii) Rows
 - (iii) Input command in QBasic
- Q7. Give full form of the following : (3x1=3)
- (i) URL (ii) IDE
 - (iii) ARPAnet
- Q8. Differentiate between the following : (4x3=12)
- (a) Relational operators and Arithmetic operators
 - (b) Worksheet and Workbook
 - (c) Video Conferencing and E-mail
 - (d) Server and Client
- Q9. (i) Ranjan helped his mother to purchase a laptop through a website. Name the service available on internet for buying and selling the products. (1)
- (ii) Shikha's computer teacher told her that all the computers in the computer lab of their school were interconnected to each other. Name the type of computer network available in the school lab (WAN, LAN or MAN). (1)