

Time : 3 hrs

MM : 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. Write a simple equation for the given statement.  
Thrice of a number  $x$  subtracted from 15 gives 5
- Q2. What cross-section do you get when you give a vertical cut to a number die.
- Q3. The lengths of two sides of a triangle are 6cm and 8cm. Between which two numbers can length of the third side fall?
- Q4. If  $a = 0$ ,  $b = -1$ ; find the value of  $2a - 2b$ .
- Q5. By applying ASA congruence rule, it is to be established that  $\triangle ABC \cong \triangle QRP$  and it is given that  $AC = QP$ . What additional information is needed to establish the congruence?
- Q6. If the cost of 8 toys is ₹ 240, what will be the cost of each such toy?
- Q7. Find the value of :  $3^5 \times 2^2$
- Q8. Write the number of vertices and edges of a cuboid.
- Q9. There are 10 marbles in a box, numbered from 1 to 10. What is the probability of drawing a marble with number 3?

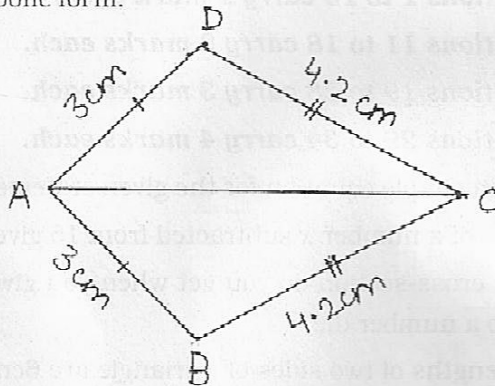
Q10. Evaluate :  $2^0 - 3^0$

Q11. Shoe size of 10 boys are as follows :

5, 6, 8, 7, 10, 8, 9, 7, 10, 8

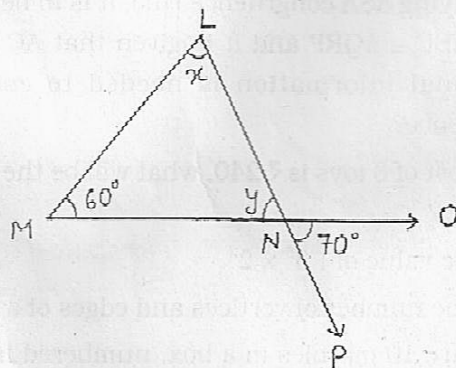
Find the range and the mode of above data.

Q12. In the given figure, measurements of some parts of two triangles are indicated. Examine whether the triangles are congruent or not. If congruent, write the result in symbolic form.



Q13. What should be the value of  $t$ , if the value of  $y^2 + 2y - t$  equals 15, when  $y = 2$ .

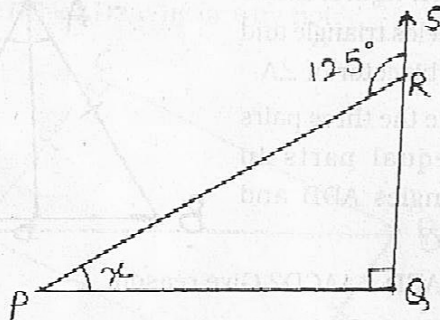
Q14. Find the value of the unknown  $x$  and  $y$  in the given figure.



Q15. (a) Convert 0.35 to percent.

(b) Find the ratio of : 2 days to 20 hours

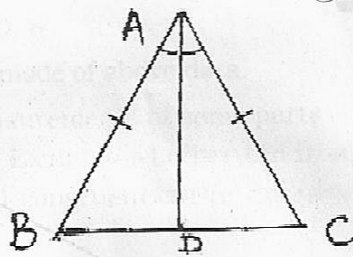
- Q16. Find the value of the unknown interior angle  $x$  in the given figure.



- Q17. Construct a  $\Delta PQR$  with  $PQ = 5.5\text{cm}$ ,  $QR = 6.0\text{cm}$  and  $PR = 5.0\text{cm}$ .
- Q18. Solve using trial and error method :  $3t + 7 = 18$
- Q19. Anvi scored 5 marks less than two times of marks scored by Shreya in a Mathematics test. If Anvi scored 65 marks, find the marks obtained by Shreya.
- Q20. The heights (in cm) of seven players in a group are 158, 175, 180, 164, 183, 160, 170
- Find their mean height
  - Find the median for the above data
- Q21. Using laws of exponents, simplify :  $\frac{18 \times 3^3 \times a^4}{6 \times a^2}$
- Q22. From the sum of  $5p^2 + 2pq$  and  $3p^2 - pq + q^2$ , subtract  $7p^2 - 5pq - 4q^2$
- Q23. Three cubes each with 5cm edge are placed side by side, what would be the dimensions of the resulting figure? Also name the figure.
- Q24. 12% children of a class of 25 like getting wet in the rain. How many children
- like getting wet in the rain

(b) do not like getting wet in the rain.

Q25. In the given figure,  $\triangle ABC$  is an isosceles triangle and  $AD$  is the bisector of  $\angle A$ .



(a) State the three pairs of equal parts in triangles  $ADB$  and  $ADC$ ?

(b) Is  $\triangle ABD \cong \triangle ACD$ ? Give reason.

(c) Is  $BD = DC$ ? Give reason.

Q26. Surbhi borrows a sum of ₹ 1200 at the rate of 5% per annum. After how many years does she pay back the money if the interest paid is ₹ 210?

Q27. A tree is broken at a height of 6m from the ground and its top touches the ground at a distance of 8m from the base of the tree. Find the original height of the tree.

Q28. Construct a right angled triangle whose hypotenuse is 5cm long and one of the legs is 3cm long.

Q29. Solve the given equations :

(a)  $7m - 13 = -4$

(b)  $2(t - 1) + 6 = 102$

Q30. (a) Express the following as product of powers of its prime factors.

(i) 576

(ii) 800

(b) Show the terms and factors by tree diagrams

$$4x^2y - 3y^2 + 2$$

Q31. Construct  $\triangle ABC$  in which  $BC = 6.5\text{cm}$ ,  $\angle B = 45^\circ$  and  $\angle C = 60^\circ$ . Also write the steps of construction.

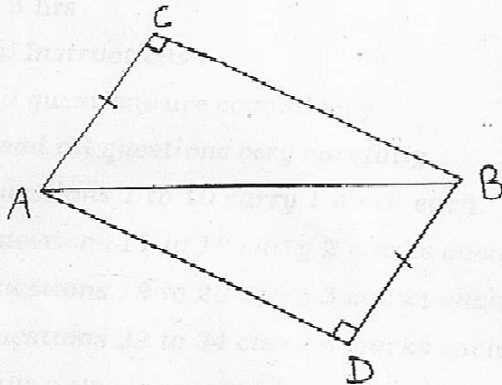
Q32. In the given figure,  $BC \perp AC$  and  $BD \perp AD$

(a) State the three pairs of equal parts in  $\triangle ACB$  and  $\triangle BDA$ .

(b) Is  $\triangle ACB \cong \triangle BDA$ ? Give reason.

(c) Is  $\angle CAB = \angle DBA$ ? Give reason.

(d) Is  $BC = AD$ ? Why or why not.



Q33. (a) Divya buys a scooter for ₹ 14000 and sells it at a loss of 15%. How much does she sell it for?

(b) Find the whole quantity if 15% of it is 600 km.

Q34. Sale of ordinary bulbs and LED bulbs on 5 different days of a week for a shop is given as follows :

Days	Monday	Tuesday	Wednesday	Thursday	Friday
Number of ordinary bulbs	50	67	75	43	60
Number of LED bulbs	70	98	32	85	78

(a) Draw a double bar graph choosing an appropriate scale to represent the sale of two types of bulbs in a week.

(b) "One should use LED bulbs in place of ordinary bulbs". Give one reason to justify this statement.

ANNUAL EXAMINATION

2/2018

CLASS : VII

SUBJECT : COMPUTER SCIENCE

Time : 3 hrs

MM : 80

Q1. Choose the correct answer and write it in the answer sheet: (10x1=10)

- (a) HTML is an improved version of \_\_\_\_\_.
- (i) XML (ii) SML  
(iii) SGML (iv) SQL
- (b) The storage capacity of Google Drive can be increased from \_\_\_\_\_.
- (i) 5 GB to 10 GB (ii) 100 GB to 30 TB  
(iii) 10 GB to 1 TB (iv) 5 GB to 100 GB
- (c) It identifies a person by retinal scan, finger prints and voice recognition.
- (i) Biometrics (ii) Firewall  
(iii) Encryption (iv) Decryption
- (d) The statement used to draw a straight line between two points on the screen in Small Basic.
- (i) Writeline ( ) (ii) Drawline ( )  
(iii) Draw ( ) (iv) Line ( )
- (e) A computer understands only \_\_\_\_\_ code.
- (i) English (ii) French  
(iii) Latin (iv) Binary
- (f) A property and its value is collectively known as \_\_\_\_\_.
- (i) Attribute (ii) Declaration  
(iii) Selector (iv) Rule

- (g) The messages sent and received on Twitter are known as \_\_\_\_\_.
- (i) Tweets                      (ii) Posts  
(iii) Updates                      (iv) Shares
- (h) Which among the following virus is a combination of Boot Sector and Program File Virus?
- (i) Network Virus                      (ii) Multipartite Virus  
(iii) Macro Virus                      (iv) Polymorphic Virus
- (i) Which of the following loops is used when a group of statements are to be executed a specific number of times?
- (i) For loop                      (ii) Do While loop  
(iii) While loop                      (iv) None of these
- (j) A \_\_\_\_\_ converts the decimal format into its binary equivalent.
- (i) Calculator                      (ii) Abacus  
(iii) Cell Phone                      (iv) Digital Computer

Q2. Answer the following statements in one word : (10x1=10)

- (a) Person who introduced the concept of zero.
- (b) The value of x and y coordinates at the top left corner of the Graphics Window.
- (c) The number of characters upto which a tweet is restricted.
- (d) The full-form of VIRUS.
- (e) A piece of ordinary text that has been spruced up with special feature of linking to other documents or web pages.
- (f) The base of Binary Number System.
- (g) The tiny dots that make up the Graphics Window area.

- (h) Name the founder of Twitter.
- (i) An online stranger or a person known to the targeted person, who harasses his victim.
- (j) This element splits the line and displays the text on a new line.
- Q3. Explain the following questions briefly : (7x2=14)
- (a) Explain the term looping. Give two examples.
  - (b) What is Youtube?
  - (c) Explain the paragraph element in HTML.
  - (d) What is the use of STEP statement in For loop?
  - (e) What do you understand by the term Phishing?
  - (f) Explain the utility of Google Drive.
  - (g) What is Cyber Crime? Name the categories into which it is divided.
- Q4. Convert 87 into its binary form. (3)
- Q5. Convert 100110 into its decimal form. (3)
- Q6. Explain the following properties of Graphics Window with their default values : (2x2=4)
- (a) Pencolor
  - (b) Brushcolor
- Q7. Identify the following types of viruses : (2x1=2)
- (a) Virus associated with application softwares like Word, Excel and Powerpoint.
  - (b) Virus that damages the boot sector of a hard disc or floppy drive.
- Q8. Answer the following questions : (6x3=18)
- (a) Explain number system. Name its commonly used types.
  - (b) What do you mean by subroutine?
  - (c) What is HTML?





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**General Instructions :**

- (i) Read all the questions carefully.
- (ii) Write in a neat and clear handwriting.
- (iii) Write the answers in complete sentences.
- (iv) Number the answers as given in the question paper.

**SECTION-A [COMPRÉHENSION ÉCRITE]**

A1. Lisez le texte et répondez :

Chère Anne,

Comment vas-tu? Je vais bien. Mes vacances d'été commencent. Je suis à Paris en vacances. Je séjourne dans un hôtel. Nous nageons tous les matins. Je commence ma journée avec un café. Ici, les plats sont excellents. Je mange des crêpes et beaucoup de chocolats. Je ne mange pas d'escargots. Je voyage beaucoup chaque jour, je visite le musée du Louvre et la tour Eiffel. Je n'aime pas la circulation à Paris.

À bientôt, avec les photos.

Bisous,

Catherinc

A1.1 Répondez aux questions. (2x1=2)

- (i) Qu'est-ce que Catherine mange à Paris?
- (ii) Qu'est-ce que Catherine n'aime pas à Paris?

A1.2 Dites vrai ou faux. (4x1=4)

- (i) Catherine ne nage pas à Paris.
- (ii) Elle commence sa journée avec un thé.
- (iii) Elle voyage beaucoup à Paris.
- (iv) Elle déteste les plats parisiens.

A1.3 Écrivez deux verbes en 'er'. (1)

A2. Lisez :

Hier, le 22 septembre, Sarah a eu 9 ans. Nous avons célébré sa fête d'anniversaire avec beaucoup de joie. Elle a invité ses amis chez elle. Maman a préparé un gâteau. Papa a décoré la maison avec des ballons et des rubans. Sa sœur et son frère ont organisé la boum. Ils ont envoyé des cartons d'invitation à ses amis. Ses amis ont apporté des cadeaux. Sarah a mis 9 bougies sur le gâteau. Son ami Hélène a distribué des chapeaux multicolores aux amis.

A2.1 Dites vrai ou faux. (4x1=4)

- (i) C'est l'anniversaire d' Hélène.
- (ii) On a fêté l'anniversaire au restaurant.
- (iii) Maman a préparé un gâteau.
- (iv) Ses amis ont organisé la boum.

A2.2 Donnez l'infinitif. (4x½=2)

- (i) eu = \_\_\_\_\_ (ii) mis = \_\_\_\_\_
- (iii) organisé = \_\_\_\_\_ (iv) invité = \_\_\_\_\_

A2.3 Complétez avec un mot du texte. (4x½=2)

- (i) \_\_\_\_\_, je suis allé au marché avec mes amis. (Hier/Maman)
- (ii) Pour décorer les cadeaux, Pauline utilise beaucoup de \_\_\_\_\_ (multicolores/ballons)
- (iii) J'ai \_\_\_\_\_ une lettre à ma tante. (eu/envoyé)
- (iv) Aujourd'hui, nous allons \_\_\_\_\_ le médecin. (distribué/invité)

### SECTION-B [EXPRESSION ÉCRITE]

B1. Décrivez et dessinez deux fêtes françaises. (2x2½=5)

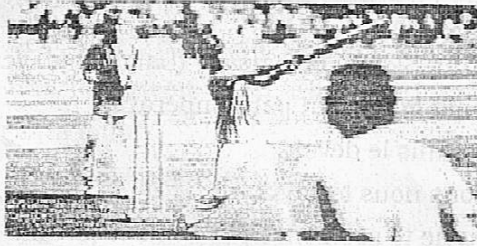
B2. Décrivez votre journée. (5)

B3. Nommez et dessinez cinq ustensiles. (5)

B4. Regardez l'image et répondez.

(2+3=5)

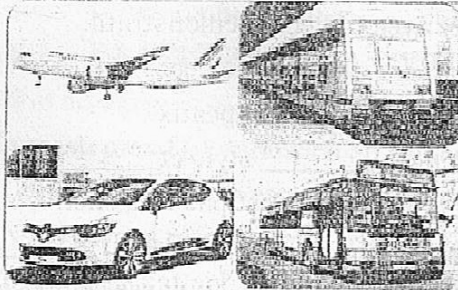
(a)



(i) Quel sport font les garçons?

(ii) Aimez-vous ce sport?

(b)



(i) Que regardez-vous dans l'image?

(ii) Comment allez-vous à l'école?

(iii) Comment allez-vous en France?

**SECTION-C [GRAMMAIRE]**

C1. Choisissez et écrivez la bonne réponse.

(10x½=5)

- (a) Elle a une \_\_\_\_\_ voiture. (grande, grands, grand)
- (b) Nous \_\_\_\_\_ aller au cinéma. (voulez, voulons, veulent)
- (c) Je \_\_\_\_\_ nager. (sais, savons, sait)
- (d) C'est un \_\_\_\_\_ homme. (vieux, vicux, vieille)
- (e) Ils \_\_\_\_\_ des lettres. (reçoivent, recevons, reçoit)
- (f) Elle \_\_\_\_\_ à 6h du matin. (se leve, se lève, me leve)
- (g) Ces \_\_\_\_\_ filles sont mes cousines. (jolis, jolies, jolle)
- (h) Elle choisit une robe \_\_\_\_\_. (bleu, bleus, bleue)

- (i) Je \_\_\_\_\_ du sucre dans le thé. (mets, met, mettons)
- (j) Tu \_\_\_\_\_ la maison? (balaie/balayes/balaies)
- C2. Remplacez le présent par l'impératif. (5x1=5)
- (a) Tu finis le devoir.
- (b) Nous nous levons tard.
- (c) Tu ne te promènes pas dans le jardin.
- (d) Vous faites le travail.
- (e) Nous choisissons un fruit.
- C3. Complétez avec l'adjectif démonstratif. (6x½=3)
- (ce, cette, ces, cet)
- (a) Il veut \_\_\_\_\_ chapeaux.
- (b) Il achète \_\_\_\_\_ stylo et \_\_\_\_\_ gomme.
- (c) \_\_\_\_\_ hôtel n'est pas très cher.
- (d) Vous aimez \_\_\_\_\_ chemise ou \_\_\_\_\_ pantalon?
- C4. Mettez les verbes suivants au passé composé. (3x1=3)
- (a) Nous \_\_\_\_\_ (boire) du lait.
- (b) Il \_\_\_\_\_ (finir) son devoir.
- (c) Elle \_\_\_\_\_ (parler) à ses amis.
- C5. Complétez les phrases suivantes en utilisant. (6x½=3)
- (a, en, au, aux)
- (a) Je vais \_\_\_\_\_ Tokyo.
- (b) Il habite \_\_\_\_\_ États-Unis.
- (c) Mon oncle travaille \_\_\_\_\_ Mumbai \_\_\_\_\_ Inde.
- (d) Allez-vous \_\_\_\_\_ Grèce ou \_\_\_\_\_ France?
- C6. Mettez les phrases à la forme interrogative. (3x1=3)
- (a) Ils veulent des chocolats. (III)
- (b) Nous allons au cinéma. (I)
- (c) Elle prend de la pomme. (II)
- C7. Trouvez la question. (2x1=2)
- (a) C'est mon père.

- (b) Elle va au cinéma.
- C8. Retrouvez les phrases : (2x1=2)
- (a) ne/Ce/des/pas/sont/gâteaux.
- (b) une/belle/femme/est/Elle.
- C9. Corrigez la faute. (2x1=2)
- (a) Il y a trois petite chambres.
- (b) Nous mangons de la glace.
- C10. Chassez l'intrus. (2x1=2)
- (a) le train, le métro, la voiture, le vélo
- (b) été, hiver, automne, pâques

### SECTION-D [LA CULTURE ET LA CIVILISATION]

- D1. Dites vrai ou faux. (5x1=5)
- (a) Aneesh prend un sandwich au fromage.
- (b) Le métro parisien n'est pas très commode.
- (c) Nous devons respecter nos parents.
- (d) L'emblème national est le drapeau français.
- (e) Il ne faut pas boire d'eau.
- D2. Choisissez et écrivez la bonne réponse. (10x½=5)
- (a) Le plus élégant musée de Paris.
- (i) le Louvre (ii) le musée d'Orsay
- (iii) Le Centre Pompidou
- (b) Paris a \_\_\_\_\_ arrondissements.
- (i) dix (ii) quatre
- (iii) vingt
- (c) Il fait du pain et des gâteaux. Il est :
- (i) professeur (ii) boulanger
- (iii) caissier
- (d) La Seine est un :
- (i) fleuve (ii) fromage
- (iii) vin

(e) Le buste de Marianne symbolise \_\_\_\_\_.

(i) république (ii) liberté

(iii) fraternité

(f) Mme Lavigne fait les courses toujours le \_\_\_\_\_.

(i) lundi (ii) dimanche

(iii) samedi

(g) Bon marché est un :

(i) jardin (ii) monument

(iii) magasin

(h) Manuel boit :

(i) un jus de fruits (ii) une limonade

(iii) un coca

(i) Aneesh a eu un examen de :

(i) maths (ii) français

(iii) dessin

(j) Aneesh a écrit une lettre à ses :

(i) parents (ii) amis

(iii) grands-parents

D3. Reliez :

(6x½=3)

(a) le bus (i) le fromage

(b) le beurre (ii) la France

(c) le bois de Boulogne (iii) la crèmerie

(d) Lyon (iv) la ville

(e) le brie (v) le jardin

(f) L'Hexagone (vi) le moyen de transport

D4. Répondez aux questions.

(2x1=2)

(a) Nommez deux monuments français.

(b) Qu'est-ce que Manuel donne au garçon?

(खण्ड - क)

प्र1. निम्नलिखित गद्यांश को पढ़कर नीचे लिखे प्रश्नों के उत्तर लिखिए :-

खुशियाँ दूसरों से बाँटना, खुशी पाने का एक सोपान है। जैसे ज्ञान देने से कभी नहीं घटता, वैसे ही खुशियाँ बाँटने से कभी कम नहीं होती। दूसरों को खुशी देने से, हमारा अपना खुशी का खज़ाना बढ़ता जाता है। दूसरों को खुशियाँ कई प्रकार से दी जा सकती हैं - उनकी भावनाओं का आदर कर, सहानुभूति रखकर, मदद करके तथा दूसरों के सुख-दुख में सहभागी होकर। किसी बड़े-बूढ़े को सड़क पार करा देना, बीमारी में सेवा करना, अपनी वस्तुओं को दूसरों से बाँटना, दूसरों को खुशियाँ देकर स्वयं खुशी पाने के कुछ उदाहरण हैं। खुशी पाने के लिए सबसे ज़रूरी है - सकारात्मक दृष्टिकोण को अपनाना। सकारात्मक दृष्टिकोण का अर्थ है - हर दुख, कष्ट, परेशानी में भी कोई अच्छाई ढूँढ सकने की क्षमता। यदि हम हर घटना का सकारात्मक पक्ष देखने की आदत डाल लें तो हर हाल में खुश रहने का मूलमंत्र हमारी मुट्ठी में आ जाएगा। यह खुशी पाने की सबसे पहली सीढ़ी है। उदाहरण के लिए दौड़ में पिछड़ जाने पर हमें और अधिक अभ्यास कर अपनी गति को बढ़ाना चाहिए। यह सोचकर निराश नहीं होना चाहिए कि हम दौड़ में पिछड़ गए। जीवन में असफलता से घबराने की अपेक्षा दुगुने उत्साह के साथ आगे बढ़कर सफलता पाने का प्रयास करना चाहिए।

(क) दूसरों को खुशी किस प्रकार दी जा सकती है? (2)

(ख) खुशी पाने के लिए सबसे ज़रूरी क्या है? (1)

(ग) जीवन में असफल हो जाने पर हमें क्या करना चाहिए? (1)

(घ) उपर्युक्त गद्यांश के लिए उचित शीर्षक लिखिए। (1)

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

हरी-भरी वसुधा के ऊपर, नील गगन ने छाता ताना।  
कल-कल करते नदियाँ झरने, बहे आ रहे गाते गाना।  
हिम से ढके पर्वत देखो, सीना तान आसमान छू रहे हैं।  
सागर की ऊँची तरंगें, भू के पैर पखार रही हैं।  
बदला दृश्य और अब देखो, पत्थर का जंगल है यह,  
हरियाली सब हवा हो गई, वायु प्रदूषित बड़ी भयावह।  
तितली, कोयल स्वप्न हो गए, नहीं नदी अब स्वच्छ रही।

(1)



जीवनदायी सूरज से अब परावैगनी किरणों का भय।  
पर्यावरण संतुलित करने को, अब वृक्षों का फिर हो रोपण।  
हरी-भरी कर वसुंधरा को, लौटे पुनः प्रकृति के आँगन।

- (क) वर्तमान समय में प्रकृति का रूप कैसे बदल गया है? (2)  
(ख) सूरज से मनुष्य को क्या खतरा है? (1)  
(ग) पर्यावरण में संतुलन लाने के लिए हमें क्या करना होगा? (1)  
(घ) 'पुनरुक्ति प्रकाश' अलंकार का एक उदाहरण काव्यांश में से छाँटकर लिखिए। (1)

(खण्ड - ख)

- प्र3. (क) निम्नलिखित वाक्य में कारक चिह्न रेखांकित कर भेद का नाम लिखिए :- (1)  
कोयल झाल पर बैठी थी।  
(ख) 'आप' शब्द का प्रयोग निजार्थक रूप में करते हुए एक वाक्य बनाइए। (1)  
(ग) निम्नलिखित शब्दों से विशेषण बनाइए :- (1)  
बया, भारत
- प्र4. (क) निम्नलिखित वाक्यों में क्रिया रेखांकित कर कर्म के आधार पर भेद का नाम लिखिए :- (2)  
(i) रवि सितार बजा रहा है।  
(ii) मीरा जोर से हँस रही थी।  
(ख) निम्नलिखित वाक्य को कोष्ठक में दिए काल के अनुसार बदलकर वाक्य पुनः लिखिए :- (1)  
मंत्री जी भाषण दे रहे थे। (सामान्य भविष्यत् काल)  
(ग) निम्नलिखित वाक्य में क्रिया-विशेषण रेखांकित कर भेद का नाम लिखिए:- (1)  
महक दिनभर पड़ती रहती है।  
(घ) निम्नलिखित रिक्त स्थानों की पूर्ति उचित संबंधबोधक अव्यय से कीजिए :- (1)  
(i) घर \_\_\_\_\_ बगीचा है।  
(ii) मोहित पिता \_\_\_\_\_ बाजार गया।
- प्र5. (क) निम्नलिखित शब्दों के दो-दो पर्यायवाची शब्द लिखिए :- (2)  
धन, पवित्र

- (ख) निम्नलिखित शब्दों के विलोम शब्द लिखिए :- (1)  
उचित, नवीन
- (ग) 'रस' शब्द के दो भिन्न अर्थ लिखिए। (1)
- (घ) निम्नलिखित वाक्यांशों के लिए एक शब्द लिखिए :- (1)  
जो लोगों में प्रिय हो, जो अधिक जानता हो
- (ङ) निम्नलिखित मुहावरों का वाक्य में प्रयोग कीजिए :- (2)  
काया पलट होना, आकाश के तारे तोड़ना

(खण्ड - ग)

प्र6. निम्नलिखित काव्यांश को पढ़कर नीचे दिए गए प्रश्नों के उत्तर दीजिए :-

जागो बंसीवारे ललना।

जागो मोरे प्यारे!

रजनी बीती, भोर भयो है, घर-घर खुले किंवारे।

गोपी दही मथत, सुनियत है कंगना के अनकारे।

उठो लाल जी, भोर भयो है, सुर-नर ठाढ़े द्वारे।

ग्याल-बाल सब करत कुलाहल, जय-जय सबद उचारि।

माखन-रोटी हाथ मेंह लीनी, गउवन के रखवारे।

मीरा के प्रभु गिरधर नागर, सरण आयीं को तारै ॥

- (क) उपर्युक्त काव्यांश में किस समय की बात की गई है? (1)
- (ख) माँ यशोदा अपने पुत्र को जगाने के लिए क्या-क्या कहती हैं? (2)
- (ग) 'गिरधर' शब्द का प्रयोग किसके लिए हुआ है और क्यों? (1)
- (घ) काव्यांश के कवि तथा भाषा का नाम बताइए। (1)
- प्र7. (क) कविता 'एक तिनका' में कवि की आँख से तिनका निकालने के लिए क्या उपाय किया गया और क्यों? (2)
- (ख) 'शाम - एक किसान' कविता की भाषागत विशेषताएँ लिखिए। (2)
- (ग) कवि रहीम ने क्यार मास के बादलों की तुलना कैसे लोगों से की है और क्यों? (2)

प्र8. निम्नलिखित गद्यांश को पढ़कर नीचे लिखे प्रश्नों के उत्तर दीजिए :-

मुरलीवाला हर्ष-गद्गद हो उठा। बोला - "सबको देंगे भैया! लेकिन जरा रुको, ठहरो, एक-एक को देने दो। अभी इतनी जल्दी हम लौट थोड़े ही जाएँगे, बेचने तो आए ही हैं और हैं भी इस समय मेरे पास एक-दो नहीं, पूरी सत्तावन। ... हाँ, बाबू जी, क्या पूछा था आपने, कितने में दीं! ... दी तो वैसे तीन-तीन पैसे के हिसाब से है, पर आपको दो-दो पैसे में ही दे दूँगा।"

(3)

विजय बाबू भीतर बाहर दोनों रूपों में मुसकरा दिए। मन ही मन कहने लगे - कैसा है! देता तो सबको इसी भाव से है, पर मुझ पर उलटा एहसान लाद रहा है। फिर बोले - "तुम लोगों की झूठ बोलने की आदत होती है। देते होंगे सभी को दो-दो पैसे में, पर एहसान का बोझा मेरे ही ऊपर लाद रहे हो।"

- (क) मुरलीवाला कितनी मुरलियाँ लाया था? (1)  
(ख) विजयबाबू मुरलीवाले की बात सुनकर क्यों मुसकरा दिए? (2)

प्र9. निम्नलिखित प्रश्नों के उत्तर विस्तारपूर्वक लिखिए :-

- (क) पाठ 'चिड़िया की बच्ची' के आधार पर बताइए कि माधवदास का जीवन संपन्नता से भरा था फिर भी वह सुखी नहीं था। क्यों? (3)  
(ख) पाठ 'नीलकण्ठ' में जालीघर में रहने वाले जीव एक-दूसरे के मित्र बन गए थे, पर कुब्जा के साथ ऐसा संभव क्यों नहीं हो पाया? लिखिए। (3)  
(ग) खानपान में आए बदलाव से क्या फायदे हैं? लेखक इस बदलाव को लेकर चिंतित क्यों हैं? 'खान पान की बदलती तस्वीर' पाठ के आधार पर स्पष्ट कीजिए। (3)

प्र10. (क) निम्नलिखित शब्दों के अर्थ लिखिए :- (2)

अजनबी, संकीर्ण, बंकिम, वाद

(ख) निम्नलिखित शब्दों का वाक्य में प्रयोग कीजिए :- (2)

संकल्प, भाग्य

प्र11. नीलकण्ठ में उसकी जातिगत विशेषताएँ तो थीं ही, उसका मानवीकरण भी हो गया था। क्या आप भी यह मानते हैं कि जीव-जंतु भी मनुष्य के भावों को भली-भाँति समझ जाते हैं और अपना प्रेम भिन्न-भिन्न प्रकार से प्रकट करते हैं, अपने अनुभव के आधार पर स्पष्ट कीजिए। (3)

अथवा

रहीम जी ने अपने दोहे में सच्चे मित्र की पहचान बताई है। क्या आप स्वयं को आदर्श मित्र मानते हैं? एक आदर्श मित्र में क्या-क्या गुण होने चाहिए? लिखिए।

प्र12. निम्नलिखित प्रश्नों के उत्तर उपन्यास 'धानी-धरती' के आधार पर लिखिए :-

(क) वृक्षारोपण के लिए 'बाल विचार मंच' के बच्चों ने क्या योजना बनाई? (2)

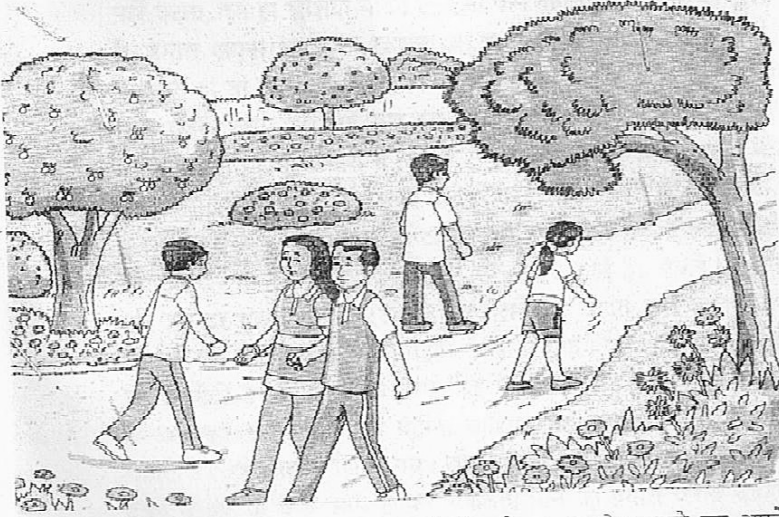
(ख) बाल विचार मंच के बच्चों ने लोगों में पेड़-पौधों के प्रति जागरूकता लाने के लिए कौन-सा नाटक प्रस्तुत किया? पेड़-पौधों के प्रति उदासीनता हमारे जीवन को भारी संकट में कैसे डाल सकती है? तर्क द्वारा स्पष्ट कीजिए। (3)

अथवा

पौधों की रक्षा के लिए श्रीमती चोपड़ा ने बच्चों को क्या वचन दिया? पेड़-पौधों की सुरक्षा के प्रति हमारा क्या दायित्व होना चाहिए?

(खण्ड - व)

- प्र13. दूरदर्शन पर आ रहे 'रियल्टी शो' को लेकर दो मित्रों की बातचीत को संवाद के रूप में लिखिए। (4)
- प्र14. 'दर्द निवारक बाम' का एक आकर्षक विज्ञापन बनाइए। (3)
- प्र15. नीचे दिए चित्र को देखकर 25-30 शब्दों में अनुच्छेद लिखिए। (3)



- प्र16. पुस्तकालय में नैतिक शिक्षा की पुस्तकें मँगवाने का अनुरोध करते हुए अपने विद्यालय की प्रधानाचार्या को पत्र लिखिए। (5)

अथवा

विद्यालय में उत्तम छात्र का पुरस्कार प्राप्त होने पर अपनी प्रसन्नता व अनुभव प्रकट करते हुए अपने चाचा जी को पत्र लिखिए।

- प्र17. निम्नलिखित विषयों में से किसी एक विषय पर 250 शब्दों में निबंध लिखिए: (5)

- (क) बीता समय लौटकर नहीं आता  
(ख) दूरदर्शन : लाभ और हानि  
(ग) विद्यार्थी जीवन में अनुशासन का महत्त्व

Time : 3 hrs

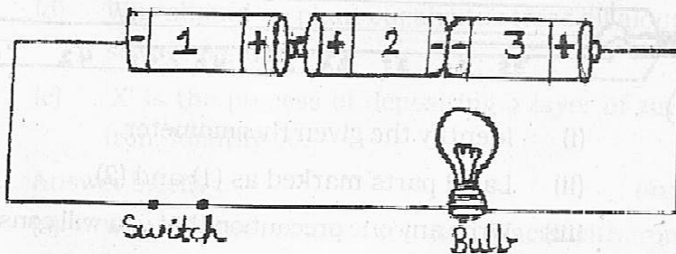
MM : 80

General Instructions :

- (i) This paper consists of three sections A, B and C.
- (ii) Marks are indicated against each question.
- (iii) Draw neat and well labelled diagrams wherever required.

## SECTION-A (PHYSICS)

- Q1. Answer in one word or one sentence : (5x1=5)
- (a) Why is copper used as bottom of cooking utensils?
  - (b) Why do we place room heaters on the floor?
  - (c) Chahat connected an electric toaster, an electric kettle and a microwave oven to a single socket in her kitchen. After some time, she observed some sparks in the socket. Identify the cause of these sparks.
  - (d) Name the device used to measure speed of a vehicle.
  - (e) In the given figure, the bulb does not glow. Identify the problem.

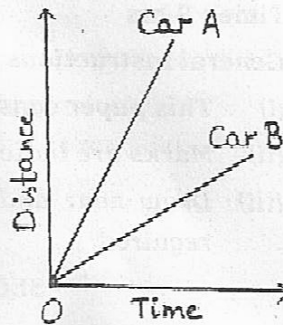


- Q2. Answer briefly : (4x2=8)
- (a) "Iron nails can be converted into temporary magnets". Justify with the help of diagram.

(1)

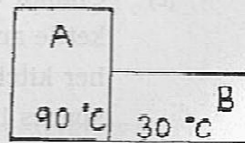
- (b) Give reasons for the following :
- CFLs are considered better than ordinary bulbs.
  - Solar cooker is painted black.

(c) Observe the given distance-time graph and answer the following :



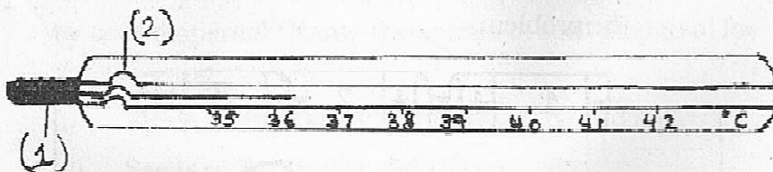
- Which car is moving faster?
  - Identify and define the type of motion of car A.
- (d) Two metallic blocks A and B are kept in contact with each other as shown in the given figure :

- Name the process of heat transfer and define it.
- In which direction will heat transfer take place? Give reason.



Q3. Answer the following : (3x3=9)

(a) Observe the given diagram and answer the following:



- Identify the given thermometer.
  - Label parts marked as (1) and (2).
  - Write any one precaution that you will consider while using it.
- (b) Ankur is driving a car at a constant speed of 50 km/hr. How much distance will he cover in 15 minutes?

(2)

(c) Aryan observed that a fuse is actually a wire insulated by plastic. One day, when due to short circuit the fuse wire was burnt, he replaced it with a nichrome wire but his friend Sanchit suggested him not to use nichrome wire.

(i) Why nichrome wire cannot be used as a fuse wire?

(ii) Name a safety device for electrical appliances other than fuse.

(iii) Mention the value depicted by Sanchit in the above situation.

Q4. Answer the following : (5)

(a) Name the breeze in which cold air from land blows towards sea. Also, draw its labelled diagram.

(b) Draw a well labelled diagram of an electric bell.

#### SECTION-B (CHEMISTRY)

Q1. Answer in one word or one sentence : (5x1=5)

(a) The soil in a field is highly acidic. Name two materials which can be added to this soil to reduce its acidity.

(b) Calamine solution is applied on the skin where an ant bites. Give reason.

(c) What is the main product obtained from vermi processing toilet?

(d) Why should we plant eucalyptus trees all along the sewage ponds?

(e) 'X' is the process of depositing a layer of zinc on iron. Identify 'X'.

Q2. Answer briefly : (4x2=8)

(a) When a blue coloured solution reacts with iron, its colour finally changes to green and a brown deposit is formed on iron. Name the green substance and brown deposit formed on iron.

(b) Waste water released by homes, industries, hospitals and offices is treated at waste water treatment plant (WWTP). Identify the devices used in removing the following physical impurities from waste water.

(i) Light floatable solids like oil and grease called scum.

(ii) Large solid impurities (rags, sticks, cans) from sewage.

(c) Rupali's shirt has a yellow stain of curry. When soap is rubbed on the shirt during washing, the yellow stain turns red.

(i) Name the natural indicator present in curry stain.

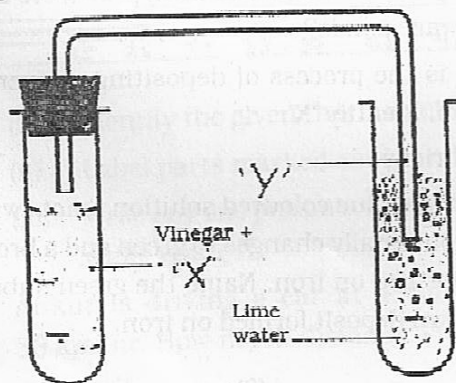
(ii) What is the nature of soap as shown by the indicator present in curry stain?

(d) Differentiate between physical and chemical changes by giving examples.

Q3. Answer the following : (3x3=9)

(a) 'P' and 'Q' are end products of physical treatment of waste water. Identify 'P' and 'Q'. Explain the role of aerobic and anaerobic bacteria in the biological treatment of 'P' and 'Q' in a WWTP.

(b) Observe the given diagram and answer the following questions :



(4)



- (i) Identify the substance 'X' and the gas 'Y'.  
(ii) When gas 'Y' is passed through lime water, a new substance 'Z' is formed which makes lime water milky. What is the chemical name of 'Z'?
- (c) (i) To improve sanitation, low cost onsite sewage disposal systems are being encouraged. Give two such examples.  
(ii) Why should oils and fats not be released in the drain? Explain.

Q4. Answer the following : (5)

When magnesium is burned in air, a powdery ash 'M' is formed. 'M' on dissolving in water forms 'N'.

- (a) What are 'M' and 'N'?  
(b) What is the action of 'N' on litmus paper?  
(c) Write the word equations involved.

#### SECTION C (BIOLOGY)

Q1. Answer in one word or one sentence : (4x1=4)

- (a) Why is humus required for plant growth?  
(b) Define pulse rate.  
(c) Write one advantage of vegetative propagation.  
(d) In sexual reproduction, a male and a female gamete fuse to form 'P'. Identify 'P'.

Q2. Answer briefly : (4x2=8)

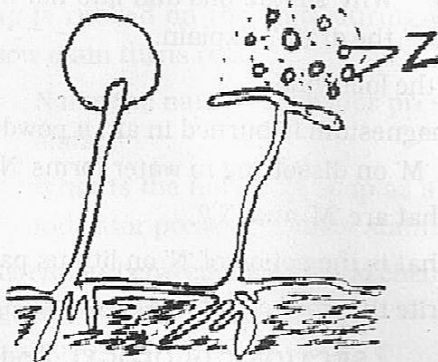
- (a) Human circulatory system consists of blood, blood vessels and heart. Write any two functions of blood.  
(b) 'X' and 'Y' are the male and female reproductive parts of a flower. Identify 'X' and 'Y'. What are bisexual flowers?  
(c) For a certain soil sample, it took 25 minutes for 250ml of water to percolate. Calculate the percolation rate for this soil sample.

(5)

- (d) Name the upper two chambers of human heart. Which type of blood gets filled in each of these upper chambers?

Q3. Answer the following : (3x3=9)

- (a) Define soil and write any two causes of soil erosion.  
(b) Identify the method of asexual reproduction shown in the given figure. How do structures labelled as 'Z' help in this method of reproduction?



- (c) Draw a labelled diagram of human excretory system. Write the composition of human urine.
- Q4. What would happen if all seeds of a plant were to fall at the same place and grow? How do plants get benefitted by seed dispersal? Name the agents of seed dispersal for the following :
- (i) Seeds of drumstick, maple, grasses and aak.  
(ii) Seeds of Xanthium and Urena. (5)

समय: - होरात्रयम्

पूर्णाङ्कः - 80

निर्देशाः (i) अस्मिन् प्रश्नपत्रे चत्वारः खण्डाः सन्ति।

(ii) प्रतिखण्ड - उत्तराणि पृथक् प्रदत्तायाम् उत्तरपुस्तिकायां लेखनीयानि।

(iii) प्रत्येकं खण्डं अधिकृत्य उत्तराणि एकस्मिन् स्थाने क्रमेण लेखनीयानि।

(iv) प्रश्नपत्रे उत्तराणि न लेखनीयानि।

(v) प्रश्नसंख्या प्रश्नपत्रानुसारं अवश्यमेव लेखनीया।

(vi) सर्वेषां प्रश्नानां उत्तराणि संस्कृतेन लेखनीयानि।

खण्डः 'क' (अपठित-अवबोधनम्)

अङ्काः 10

प्र1. अधोलिखितम् अनुच्छेदं पठित्वा प्रदत्तप्रश्नानां उत्तराणि लिखत -

भारतवर्षम् अस्माकं देशः अस्ति। वेदाः अत्र जाताः। रामः कृष्णः महात्माबुद्धः च अत्र जाताः। एषः देशः गान्धेः, सुभाषस्य विवेकानन्दस्य च अस्ति। अस्माकं देशः अतिविशालः अस्ति। अत्र अनेके पर्वताः सन्ति। तेषु पर्वतेषु केचन पर्वताः अत्युन्नताः सन्ति। एषः देशः उत्तरदिशायां हिमालयेन रक्षितः। हिमालयात् अनेकाः नद्यः प्रवहन्ति। सर्वासु नदीषु गंगा श्रेष्ठा पवित्रतमा च मन्यते। गंगा नदी हिमालयात् निःसृत्य बंगोपसागरे पतति। गंगायाः तटे अनेकानि तीर्थस्थानानि प्राचीननगराणि च सन्ति। वर्षर्तौ नद्याः जलोत्सवः कृषकाः कृषिकार्यं कुर्वन्ति अन्नं च उत्पादयन्ति। अस्माकं देशे जनाः न केवलं कृषिकार्यं जलस्य उपयोगं कुर्वन्ति अपितु नद्याः जलं पिबन्ति। अत्र जनाः नद्याः पूजनं अपि कुर्वन्ति।

I. एकपदेन उत्तरत -

(4x½=2)

(i) अस्माकं देशः उत्तरदिशायां केन रक्षितः?

(ii) अत्र जनाः कस्याः पूजनं अपि कुर्वन्ति?

(iii) सर्वासु नदीषु का श्रेष्ठा पवित्रतमा च मन्यते?

(iv) गंगा नदी कस्मात् निःसृत्य बंगोपसागरे पतति?

II. पूर्णवाक्येन उत्तरत -

(2x2=4)

(i) गंगायाः तटे अनेकानि कानि सन्ति?

(ii) हिमालयात् अनेकाः काः प्रवहन्ति?

III. यथानिर्देशम् उत्तरत -

(4x½=2)

(i) 'वारि' अस्य पदस्य किं पर्यायपदम् अत्र प्रयुक्तम्?

(ii) 'कृषकाः कृषिकार्यं कुर्वन्ति' अत्र 'कुर्वन्ति' क्रियापदस्य क्रियापदम् किम् अस्ति?

(iii) 'एषः देशः' अनयोः पदयोः विशेषणपदं किम् अस्ति?

(iv) 'दुरुपयोगम्' अस्य किम् विलोमपदं अत्र प्रयुक्तम्?

IV. अस्य गद्यांशस्य कृते उचितं शीर्षकं लिखत।

(2)

(B-1)

खण्ड: 'ख' (रचनात्मकं कार्य)

अङ्काः 15

प्र2. स्वमित्रं प्रति लिखितं पत्रं मञ्जूषातः उचितं पदं चित्वा पूरयत -

(10x=5)

मञ्जूषा

समयेन, जयपुरतः, परिणामम्, प्रसन्नः, मिलन्ति, उत्तरस्य, अङ्कैः, स्वकुशलस्य, नरेन्द्रः, नमस्कारम्

(i) \_\_\_\_\_

तिथिः \_\_\_\_\_

प्रिय मित्र सुरेन्द्र!

सरनेहम् (ii) \_\_\_\_\_ ।

अत्र कुशलम् तत्रास्तु । विशिष्या वार्ता इयम् अस्ति यत् अद्य एव भवता प्रेषितं पत्रं प्राप्तम् । पठित्वा (iii) \_\_\_\_\_ अभवम् । भवान् स्वपरीक्षायाः (iv) \_\_\_\_\_ न अलिखत् । आशासे यत् भवान् स्वपरीक्षायां श्रेष्ठैः (v) \_\_\_\_\_ उत्तीर्णः भविष्यति । मित्र! अद्यत्वे व्यर्थम् एव समयस्य नाशकाः अनेके सहपाठिनः (vi) \_\_\_\_\_, ये पठनात् विमुखं कुर्वन्ति । त्वम् (vii) \_\_\_\_\_ कार्याणि कुरु । समये समये (viii) \_\_\_\_\_ समाचारं अवश्यमेव प्रेषयतु । भवतः (ix) \_\_\_\_\_ प्रतीक्षायाम् ।

भवतः मित्रं

(x) \_\_\_\_\_

प्र3. अधः प्रदत्तं चित्रम् आधृत्य मञ्जूषायां प्रदत्तशब्दानां सहायतया पञ्चसंस्कृतवाक्यानि लिखत - (5x2=10)

मञ्जूषा

उत्पतन्ति, कन्दुकेन, उद्यानस्य, पुष्पाणि, भ्रमतः, बालकाः, खगाः,  
उदयति, प्रातःकालः, खेलतः, वृक्षेषु, विकसन्ति



(B-2)

प्र. मञ्जूषायां दत्तैः अव्ययपदैः वाक्यपूर्तिं कुरुत -

(4x1/2=2)

मञ्जूषा  
उच्चैः, इतस्ततः, विना, पुरा

- (i) रात्रौ दुष्टः \_\_\_\_\_ भ्रमति ।
- (ii) \_\_\_\_\_ दशरथः नाम नृपः अभवत् ।
- (iii) रावणः \_\_\_\_\_ अहसत् ।
- (iv) जलं \_\_\_\_\_ जीवनं न अस्ति ।
- प्र5. अधोलिखितवाक्येषु रेखांकितपदेषु सन्धिं सन्धिच्छेदं वा कृत्वा पुनः पूर्णवाक्यं लिखत - (3x1=3)
- (i) महा + ईशः आपणं गच्छति ।
- (ii) रवीन्द्रः अद्य विद्यालयं न अगच्छत् ।
- (iii) विद्या + अर्थी पुस्तकालयं प्रति गच्छति ।
- प्र6. कोष्ठगत-शब्देषु उचितविभक्तिं प्रयुज्य वाक्यानि उत्तरपुस्तिकायाम् लिखत - (3x1=3)
- (i) \_\_\_\_\_ उभयतः वृक्षाः सन्ति । (गृह)
- (ii) \_\_\_\_\_ नमः । (गणेश)
- (iii) अहं \_\_\_\_\_ सह विद्यालयं गच्छामि । (बालक)
- प्र7. (क) अधोलिखितवाक्येषु अंकानां स्थाने संख्यावाचकविशेषणैः रिक्तस्थानानि पूरयित्वा वाक्यं पुनः लिखत - (4x1=4)
- (i) करण्डके (4) \_\_\_\_\_ फलानि सन्ति ।
- (ii) वृक्षे (13) \_\_\_\_\_ खगाः सन्ति ।
- (iii) उद्याने (25) \_\_\_\_\_ जनाः भ्रमन्ति ।
- (iv) कक्षायाम् (31) \_\_\_\_\_ बालकाः पठन्ति ।
- (ख) कोष्ठकप्रदत्त-क्रमवाचक-संख्यापदे उचितां विभक्तिं प्रयुज्य रिक्तस्थानपूर्तिं कुरुत - (2x1=2)
- (i) पंक्तौ \_\_\_\_\_ बालकः वदति । (दशम)
- (ii) \_\_\_\_\_ बालिका मम भगिनी अस्ति । (तृतीय)
- प्र8. अधोलिखितवाक्येषु रेखांकितपदस्य प्रकृति-प्रत्ययौ पृथक् पृथक् कृत्वा अथवा संयोज्य वाक्यानि पुनः लिखत - (3x1=3)
- (i) बालकः स्नात्वा ईश्वरं नमति ।
- (ii) सः तत्र गत्वा उपविशति ।
- (iii) श्रमिकः कार्यं कृत्वा भोजनं करोति ।

- प्र9. उचितशब्दरूपैः रिक्तस्थानानि पूरयित्वा वाक्यं पुनः लिखत - (4x1=4)
- (i) रमेशस्य \_\_\_\_\_ तीव्रा अस्ति। (गति)
- (ii) सः \_\_\_\_\_ जलम् आनयति। (पितृ - चतुर्थी विभक्तिः, एकवचनम्)
- (iii) \_\_\_\_\_ बालकस्य माता अध्यापिका अस्ति। (एतद्)
- (iv) \_\_\_\_\_ मत्स्याः तरन्ति। (वारि - सप्तमी विभक्तिः, एकवचनम्)

- प्र10. उचितधातुरूपैः रिक्तस्थानानि पूरयित्वा वाक्यं पुनः लिखत - (4x1=4)
- (i) रमा कार्यम् \_\_\_\_\_। (कृ)
- (ii) श्वः त्वं भोजनं न \_\_\_\_\_। (पच)
- (iii) वृक्षे अनेके खगाः \_\_\_\_\_। (स्था)
- (iv) वयम् लेखम् \_\_\_\_\_। (लिख - लङ् लकारे)

- प्र11. अधोलिखितं पद्यांशं पठित्वा प्रदत्तप्रश्नानाम् उत्तराणि लिखत - (5)
- मनोविनोदाय अनारिका भ्रमितुं गृहात् बहिः अगच्छत्। भ्रमणकाले सा अपश्यत् यत् मार्गाः सुसज्जिताः सन्ति। सा चिन्तयति - किमर्थम् इयं सज्जा? सा अस्मरत् यत् अद्य तु मन्त्री आगमिष्यति। सः अत्र किमर्थम् आगमिष्यति इति विषये तस्याः जिज्ञासाः प्रारब्धाः। गृहम् आगत्य सा पितरम् अपृच्छत् - "पितः! मन्त्री किमर्थम् आगच्छति?" पिता अवदत् - "पुत्रि! नद्याः उपरि नवीनः सेतुः निर्मितः। तस्य उद्घाटनार्थं मन्त्री आगच्छति।"

I. एकपदेन उत्तरत -

- (i) अद्य कः आगमिष्यति?
- (ii) का भ्रमितुम् अगच्छत्?

II. पूर्णवाक्येन उत्तरत -

- (i) गृहम् आगत्य अनारिका पितरम् किम् अपृच्छत्?
- (ii) भ्रमणकाले सा किम् अपश्यत्?

III. निर्देशानुसारम् उत्तरत -

- (i) 'अधः' अस्य पदस्य किम् विलोमपदम् अत्र प्रयुक्तम्?
- (ii) 'चिन्तयति' क्रियापदस्य कर्तृपदम् किम्?
- (iii) 'सुसज्जिताः मार्गाः' अनयोः पदयोः विशेष्यपदम् किम्?
- (iv) 'नूतनः' अस्य पदस्य किम् पर्यायपदम् अत्र प्रयुक्तम्?

प्र12. अधोलिखितं पद्यांशं पठित्वा प्रदत्तप्रश्नानाम् उत्तराणि लिखत - (5)

उदिते सूर्ये धरणी विहसति, पक्षी कूजति कमलं विकसति।  
नदति मन्दिरे उद्वैर्ढक्को, सरितः सलिले सेलति नौका ॥

- I. एकपदेन उत्तरत -
- (i) का सेलति?

(ii) किम् विकसति?  
II. पूर्णवाक्येन उत्तरत - (2x1=2)

(i) ढक्का कुत्र नदति?

(ii) धरणी कदा विहसति?

III. निर्देशानुसारम् उत्तरत - (4x½=2)

(i) 'नीचैः' अस्य किम् विलोमपदम् अत्र प्रयुक्तम्?

(ii) 'पृथिवी' अस्य किम् पर्यायपदम् अत्र प्रयुक्तम्?

(iii) 'कूजति' क्रियापदस्य कर्तृपदम् किम् अस्ति?

(iv) 'जले' इति अर्थे किम् पदम् अत्र प्रयुक्तम्?

प्र13. अधोलिखितं नाट्यांशं पठित्वा प्रदत्तप्रश्नानां उत्तराणि लिखत - (5)

तेजिन्दरः - शुचे! ध्वजस्य मध्ये एकं नीलवर्णं चक्रं वर्तते?

शुचिः - आम् आम्। इदम् अशोकचक्रं कथ्यते। एतत् प्रगतेः न्यायस्य च प्रवर्तकम्। सारनाथे अशोकस्तम्भः अस्ति। तस्मात् एव एतत् गृहीतम्।

प्रणवः - अस्मिन् चक्रे चतुर्विंशतिः अराः सन्ति।

मेरी - भारतस्य संविधानसभायां 22 जुलाई 1947 तमे वर्षे समग्रतया अस्य ध्वजस्य स्वीकरणं जातम्?

तेजिन्दरः - अस्माकं त्रिवर्णः ध्वजः स्वाधीनतायाः राष्ट्रगौरवस्य च प्रतीकः। अतएव स्वतन्त्रतादिवसे गणतन्त्रदिवसे च अस्य ध्वजस्य उत्तोलनं समारोहपूर्वकं भवति।

I. एकपदेन उत्तरत - (2x½=1)

(i) अशोकचक्रे कति अराः सन्ति?

(ii) अशोकस्तम्भः कुत्र अस्ति?

II. पूर्णवाक्येन उत्तरत - (2x1=2)

(i) त्रिवर्णध्वजस्य उत्तोलनं कदा भवति?

(ii) अस्माकं त्रिवर्णः ध्वजः कस्य प्रतीकः?

III. यथानिर्देशम् उत्तरत - (4x½=2)

(i) 'नीलवर्णं चक्रम्' अनयोः पदयोः विशेषणपदम् किम् अस्ति?

(ii) 'युष्माकम्' अस्य पदस्य किम् विलोमपदम् अत्र प्रयुक्तम्?

(iii) 'सूचकः' अस्य पदस्य किम् पर्यायपदम् अत्र प्रयुक्तम्?

(iv) 'तस्मात् एव एतत् गृहीतम्' अत्र 'एतत्' सर्वनामपदम् कस्मै प्रयुक्तम्?

- प्र14. अधोलिखित-श्लोकस्य अन्वयम् उचितक्रमेण पूरयित्वा उत्तरपुस्तिकायां पुनः लिखत - (4x1=4)  
 सत्यं ब्रूयात् प्रियं ब्रूयात् न ब्रूयात् सत्यमप्रियम् ।  
 प्रियं च नानृतं ब्रूयात् एष धर्मः सनातनः ॥  
 अन्वयः - (i) \_\_\_\_\_ ब्रूयात् (ii) \_\_\_\_\_ ब्रूयात् सत्यं अप्रियम् न ब्रूयात् । प्रियं अनृतं च न  
 (iii) \_\_\_\_\_ एषः सनातनः (iv) \_\_\_\_\_ ।
- प्र15. अधोलिखितवाक्येषु रेखांकितपदानि आधृत्य प्रश्ननिर्माणं कुरुत - (4x1=4)  
 (i) गजस्य बधेनैव मम दुःखम् अपसरेत् ।  
 (ii) सिंहः उच्चैः नदति ।  
 (iii) तस्य भवने सर्वविधानि सुखसाधनानि आसन् ।  
 (iv) चटका वृक्षे प्रतिवसति स्म ।
- प्र16. अधोलिखित-वाक्यानि घटनाक्रमानुसारेण पुनः लिखत - (8x½=4)  
 (i) अन्धः गजः जलाशयं प्रति गच्छति ।  
 (ii) चटकायाः विलापं श्रुत्वा काष्ठकूटः चटकाया सह मक्षिकायाः समीपम् अगच्छत् ।  
 (iii) अनेक-निर्बलानाम् समूहः दुर्जयः भवति ।  
 (iv) ते सर्वे मण्डूकस्य समीपम् अगच्छन् ।  
 (v) गजेन चटकायाः अण्डानि विशीर्णानि ।  
 (vi) मण्डूकः तान् सर्वान् एकम् उपायम् अवदत् ।  
 (vii) एकस्मिन् वृक्षे चटका वसति स्म ।  
 (viii) गर्तं जलाशयं मत्वा गजः गर्तस्य अन्तः पतितः मृतः च ।
- प्र17. अर्थैः सह शब्दानाम् मेलनं कृत्वा उत्तरपुस्तिकायाम् पुनः लिखत - (6x½=3)  
 शब्दाः अर्थाः  
 नयने कक्षेषु  
 विपिने उदारता  
 औदार्यम् शीघ्रम्  
 प्रगतेः नेत्रे  
 क्षिप्रम् उन्नतेः  
 प्रकोष्ठेषु वने



CLASS : VII

SUBJECT : ENGLISH

Time : 3 hrs

MM : 80

**General Instructions :**

- (i) *Read the questions carefully.*
- (ii) *Number the answers as given in the question paper.*
- (iii) *Write in a neat and clear handwriting.*
- (iv) *Write the answers in complete sentences.*

**SECTION-A (READING)**

Q1. Read the passage given below and answer the questions that follow : (7)

We all know that there are some basic resources without which we can't live. Clean water and food are necessary for living beings to live and grow. We also need a shelter to protect us from harsh weather conditions such as snow, rain, hail storm and sunlight. We also need clothing and good health. If resources such as food, clothes and shelter are not available to people, life will become a punishment rather than a pleasure.

Global population has been increasing at a frightening rate. Today, we use more and more of our natural resources. For centuries now, each generation has been using natural resources rather carelessly. The governments of various countries and organisations working to save natural resources have started spreading awareness among people about it. However, this awareness campaign to conserve natural resources was also started only recently.

Thankfully, people are slowly becoming aware of the fact that unless these natural resources are saved, future generations will suffer enormously. While we know that the environment needs to be protected and resources need to be looked after, human beings cannot stop using these resources altogether. We need these for leading a comfortable life. So, how do we balance the two needs - the need to save resources and the need to use them? We have to find alternative resources so that we don't overuse the natural resources.

Forests are our important natural resources. They sustain plant and animal life. They provide the necessary wood cover for the planet to get sufficient rainfall and maintain a balance in the environment.

(B-1)

Trees help in controlling carbon emissions. They take in carbon dioxide and give out oxygen. Trees use carbon dioxide for photosynthesis. This produces oxygen. As a tree matures, it can take in 48 pounds of carbon dioxide per year and give out enough oxygen to take care of our needs for two years. This natural process helps to clean the air. Trees help in lessening the risk of floods too.

How do we protect forests? We need to find simpler, safer alternatives to wood. We need to grow more and more trees. Every tree that is cut needs to be replaced. The government should take up planting of trees as a continuous activity. We should make sure that the trees which are planted are capable of protecting the soil from floods and rain. Special land should be made available for growing fodder so that people stop using forests for grazing. Unless we save trees, we can't save the future.

- (a) Name the resources that are essential for sustaining human life. (1)
- (b) What would happen if we do not use the natural resources wisely? (1)
- (c) Give atleast two reasons why forests are important to us. (2)
- (d) The natural process in which the trees take in carbondioxide and give out oxygen helps \_\_\_\_\_ (1)
- (e) To protect forests, we need to find \_\_\_\_\_ (1)
- (f) Find the words from the passage which mean the same as given below : (2x½=1)

- (i) another choice
- (ii) food for cattle

Q2. Read the poem given below and answer the questions that follow : (6)

Imagine, mother, that you are to stay at home  
and I am to travel into strange lands.  
Imagine that my boat is ready at the landing fully laden.  
Now think well, mother, before you say what I shall  
bring for you when I come back.  
Mother, do you want heaps and heaps of gold?  
There, by the banks of golden streams,  
fields are full of golden harvest.  
And in the shade of the forest path the golden  
champa flowers drop on the ground.  
I will gather them all for you in many hundred baskets.  
Mother, do you want pearls big as the raindrops of autumn?

I shall cross to the pearl island shore.  
There in the early morning light, pearls tremble on  
the meadow flowers, pearls drop on the grass and  
pearls are scattered on the sand in spray by the wild sea-waves.  
My brother shall have a pair of horses with wings to fly among the clouds.  
For father I shall bring a magic pen that, without  
his knowing, will write of itself.  
For you, mother, I must have the casket and  
jewel that cost seven kings their kingdoms.

- (a) What is the speaker asking his mother to do? (1)  
(b) Where does the speaker plan to get the pearls from? (1)  
(c) What is the gift that the speaker wants to give his brother? (1)  
(d) What is special about the pen the speaker will bring back for his father? (1)  
(e) What will the speaker put in the casket for his mother? (1)  
(f) Find suitable words from the poem which mean the same as given below :  
(2x½=1)
- (i) heavily loaded with something (ii) a small box

#### SECTION-B (WRITING)

- Q3. You went for an excursion to National Science Centre, Pragati Maidan on 10 February 2018 with your class. Write a report for your school magazine including details of all the activities and fun you had that day. (4)
- Q4. Compose a story using given clues and give it a suitable title. (4)  
a little girl — wanted to read and write — poor parents helpless — village school — far away — asked father to make a raft with planks of wood — crossed the river to reach school — she toiled hard — attended school — revised and studied sincerely — passed with flying colours — scholarship — pursued higher education — successful in life.
- Q5. Write a letter to your Principal seeking permission to avail the school transport facility for a week giving reason for the request. (6)

#### SECTION-C (GRAMMAR)

- Q6. Fill in the blanks with suitable adverbs : (4x½=2)
- (a) Playing music too \_\_\_\_\_ can damage your eardrum.  
(b) Ruskin Bond \_\_\_\_\_ writes about life in the countryside.

- (c) You must read the passage \_\_\_\_\_ before answering the questions.
- (d) Why did you get up so \_\_\_\_\_ today? (4x½=2)
- Q7. Complete the given sentences using suitable conjunctions :
- (a) We were very tired \_\_\_\_\_ happy after our visit to the amusement park.
- (b) \_\_\_\_\_ it was windy, they climbed the mountain.
- (c) \_\_\_\_\_ it rains on Sunday, I will not be able to drive.
- (d) Luke couldn't appear for exams \_\_\_\_\_ his car broke down on the highway. (4x½=2)
- Q8. Fill in the blanks with suitable prepositions :
- (a) This is a comfortable house to live \_\_\_\_\_.
- (b) This material is entirely different \_\_\_\_\_ that.
- (c) You must explain the concept \_\_\_\_\_ the students.
- (d) He said that he was really pleased \_\_\_\_\_ my work. (4x½=2)
- Q9. Punctuate the given sentence :
- what are the famous delicacies of gujarat Haryana and Punjab
- Q10. Write whether the underlined words are phrases or clauses : (4x½=2)
- (a) These red roses are really fresh and beautiful.
- (b) The class teacher informed us that our vacation will begin this weekend.
- (c) Citizens of this country are very honest and responsible.
- (d) Rita catches the last train every day but yesterday she missed it. (4x½=2)
- Q11. Add suitable question tags to the given sentences :
- (a) The weather is really humid and sultry.
- (b) The Japanese team had worked really hard.
- (c) Some parents didn't come to meet the teacher.
- (d) Each boy should be sent for a medical check-up. (4x½=2)
- Q12. Insert suitable articles to complete the given passage :
- I am not \_\_\_\_\_ European but I have visited all \_\_\_\_\_ European countries.  
I got my degree from \_\_\_\_\_ University of Cambridge. There were two Indian  
lecturers who taught me and both \_\_\_\_\_ lecturers were highly intellectual  
and very popular.

Q13. Rewrite the given sentences in the passive voice : (3x1=3)

- (a) The editor has sent the report to his boss.
- (b) All the news channels are appreciating the Prime Minister's new policies.
- (c) They will make all the arrangements for the debate competition.

Q14. Rewrite the given sentences in indirect speech : (3x1=3)

- (a) The poet said, "I have written a new poem."
- (b) "Please bring some more rice", said Mr. Gerald to the waiter.
- (c) The stranger said to me, "Is your father at home?"

#### SECTION-D (LITERATURE)

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

(A) 'But, what about the joy and eagerness of her grandson preparing for the fair?' (3x1=3)

- (a) Who does the word 'grandson' refer to in the above line?
- (b) Why was the grandson eager and joyful?
- (c) Why was the grandmother worried?

(B) "Began to feel as well he might,  
The keen demands of appetite:  
When, looking eagerly around,  
He espied far off, upon the ground". (3x1=3)

- (a) Name the poem and the poet.
- (b) Who does the word 'he' refer to?
- (c) What did he spot on the ground?

Q16. Answer any THREE out of FOUR questions in 30-40 words each : (3x2=6)

- (a) What role did Sadiq play in getting a reward from Nawab Hasan Ali for opening his own restaurant?
- (b) Though Soapy was very confident that there were many easy ways of getting arrested yet his very first plan didn't work out. Why?
- (c) In the lesson, 'The Model Millionaire', why was Hughie amazed to see Alan Trevor's model when he entered his studio?
- (d) Who was the chief of the good spirits and why did he carry out all the commands given by Prospero?

Q17. Answer any TWO out of THREE questions in 30-40 words each : (2x2=4)

- (a) In the poem, 'The Nightingale and the Glow-worm' how did the glow-worm convince the nightingale to spare his life?
- (b) In the poem, 'In the Bazaars of Hyderabad' what are the goldsmiths selling and who are the probable buyers of their articles?
- (c) How did the little boy in the poem 'Somebody's Mother' feel when he decided to help the old lady cross the road?

Q18. Answer the following question in 70-80 words : (1x4=4)

The poem 'The Solitary Reaper' deals with an incident in the poet's life that leaves an everlasting impression on his mind and soul. Discuss the theme of this beautiful poem.

OR

Sarojini Naidu presents a very lively and cheerful picture of a market place in her poem 'In the Bazaars of Hyderabad'. Elaborate.

Q19. Answer the following question in 80-100 words : (1x5=5)

The word 'tempest' means a violent storm and the storm played an important role in the lesson 'The Tempest'. Elaborate with suitable examples from the story.

OR

You are Phatik. Write a diary entry describing your feelings and experience when you realised that you were an unwelcomed guest at your uncle's house.

Q20. Answer the following question in 50-60 words : (1x3=3)

What help did Ben Gunn ask for in return for helping Jim and his companions?  
What was Jim's response?

Q21. Answer the following question in 80-100 words : (1x5=5)

How did the doctor, the squire and their companions make a safe place to hide on the island?

OR

Describe Jim's experience when he landed on the island.

**ANNUAL EXAMINATION**

2/2018

**CLASS : VII**

**SUBJECT : SOCIAL SCIENCE**

**Time : 3 hrs**

**MM : 80**

**General Instructions :**

- (i) *Read all the questions carefully and number the answers according to the questions.*
- (ii) *Questions carrying 1 mark should be answered in one sentence.*
- (iii) *Questions carrying 3 marks should be answered within 60-80 words.*
- (iv) *Questions carrying 5 marks should be answered within 80-100 words.*
- (v) *Attach the maps properly to the main sheet.*

**Q1.** Answer the following questions in one sentence each:

(6x1=6)

- (i) Name the king who built the Rajarajeshwara temple.
- (ii) Define the term ginning mill.
- (iii) Give any two examples of human-made environment.
- (iv) Who was the founder of the Hyderabad state?
- (v) In which state Tawa dam is located?
- (vi) Name the continent in which the Amazon basin is located.

**Q2.** What were the major ideas expressed by Kabir? (3)

(1)

- Q3. Briefly discuss the disadvantages of 'putting-out system'. (3)
- Q4. How are high tides important? (3)
- Q5. Write a short note on miniature paintings. (3)
- Q6. 'The Tawa Matsya Sangh helped the fishworkers in many ways'. Discuss. (3)
- Q7. The Ganga-Brahmaputra basin is the most thickly populated region in the country. Give reasons. (3)
- Q8. Why did the conquerors try to control the temple of 'Jagannatha' at Puri? (3)
- Q9. Describe the conditions of employment in the garment exporting factory. (3)
- Q10. Define ocean currents and differentiate between its two types. (1+2=3)
- Q11. Discuss the beliefs and practices of Nathpanthis, Siddhas and Yogis. (3)
- Q12. 'It is the thin layer of air that surrounds the earth'. Identify it and write any two features. (1+2=3)
- Q13. Where is Surat located? Why did people from different places visit Surat? (1+4=5)
- Q14. (a) List the reasons behind the increasing drop out rates from schools among girls, children of dalits, muslims and adivasi communities.
- (b) Why was learning the alphabet so important to women like Rama Bai and Rashsundari Devi? (3+2=5)



Q15. (a) 'The Prairies are known as 'Granaries of the world'. Why?

(b) Explain the climatic conditions of the Prairies.  
(2+3=5)

Q16. Who were the Sikhs? How were the Sikhs organised in the eighteenth century? (1+4=5)

Q17. (a) Define social advertisements.

(b) Discuss the demerits of advertisements.  
(1+4=5)

Q18. Write a short note on tropical evergreen forests. (5)

Q19. Describe briefly the role of the Member of the Legislative Assembly. (5)

Q20. Attempt the following maps :

(a) On the provided political map of India, name and mark the following : (3x1=3)

- (i) State associated with Kabir.
- (ii) Region where the dance form of Kathakali developed.
- (iii) Capital of Vijayanagara empire.

(b) On the provided political map of the world, name and mark the following : (3x1=3)

- (i) Mountains bound on west of North America.
- (ii) Temperate grasslands of Africa.
- (iii) World's largest fresh water lake.