

SOLUTION AND MARKING SCHEME FOR SAT 2020

CLASS-5

Subject: English I (Language)

FM: 80

Note:

- Kindly refer to the guidelines given in the box after each question for evaluating the answers.
- The allotted marks for questions or parts of questions are given in brackets. Kindly evaluate as per the marks indicated in the brackets.

Q1. [20]

a) Why was Jimmy not willing to go back to school? (3)

Ans. Jimmy was not willing to go to school because he did not want to get up early, do the homework every night and sit in those uncomfortable seats for hours.

b) What was Jimmy's age? (1)

Ans. Jimmy was eleven years old.

c) Who was Susan? Why did Susan think it will be hard for Jimmy to become a sportsperson or actor? (1+ 2)

Ans . Susan was Jimmy's sister.

Susan **thought** it would be hard for Jimmy to become a sportsperson or actor because most athletes and actors struggle for years to get where they are. Also she didn't see him practicing any sports and he didn't have any super talents.

d) What reasons did Susan give for liking the school? (3)

Ans Susan **gave** the following reasons for liking the school :

- i) She told Jimmy that homework gets him out of chores at home. Dad doesn't make them do as much when they have homework.
- ii) Sitting in front of TV for hours is boring.
- iii) All of their friends were at school.

e) **How does Jimmy feel at the end of the conversation with Susan? (1)**
Ans Jimmy **felt excited to go back to school** at the end of the conversation with Susan.

f) **Did Jimmy agree to go to school ?If yes, why? (1+2)**

Ans Yes, Jimmy **agreed** to go to school because he **realised that school was awesome. Friends, pizza for school lunch, learning new things** and there were a lot of reasons to like school.

Note -

- All answers from **a to f** should be written in Past tense.
- ½ mark should be deducted for each spelling mistake , incorrect usage of tense or any grammatical error(punctuation).
- Answers should be factually correct and should cover the points highlighted in the answer.
- If the answer is factually incorrect then no marks should be awarded.
- If an answer has too many spelling and grammatical errors but the student has picked out the main points ,then ½ a mark should be awarded.
- In Q. g , h, i and j, the answer should be exactly the same as given in the answer script.

g) **Write the Past tense of the following words. (1x2)**

Ans (i) **cried** (ii) **broke**

h) **Write abstract noun of 'sad' . (1)**

Ans **sadness**

i) **Fill in the blanks with the Past and Past participle form of the verb 'go'.**

PRESENT

go

PAST

went gone (1x2)

PAST PARTICIPLE

j) **I am looking at the calendar. (Identify the tense) (1)**

Ans .Present continuous tense

Q2. Divide the following sentences into Subject and Predicate.[1x4]

Subject	Predicate
a) A frozen snake	lay across the path .
b) You	tell me the story of their creation.
c) One big, deep ocean	covered the rest of the planet.
d) The bus	comes here.

Note-

- 1 mark to be awarded for each correct answer.
- ½ mark to be deducted for each spelling error.
- Subject and Predicate should be written in columns.

Q3. Punctuate the given sentences at the end of each sentence and state the kind of sentence.

[1x4]

- a) The English Channel lies between England and France (.) (1/2 + 1/2)

Ans Assertive or declarative sentence.

- b) Do you prefer the mouse or the touchpad(?) (1/2 + 1/2)

Ans Interrogative sentence

- c) How humid and sultry the weather is(!) (1/2 + 1/2)

Ans Exclamatory sentence

- d) I wish I could help Raman(.) (1/2 + 1/2)

Ans Imperative sentence

- 1/2 mark to be awarded for correct punctuation mark and 1/2 mark for the kind of sentence in each answer.

Q4. Fill in the blanks with the abstract nouns formed from the words given in brackets. [1x2]

- a) The **purity** of drinking water is tested regularly.
b) The **presence** of the teacher was enough to quieten the boys.

Note-

- 1 mark should be awarded for correct answer.
- ½ mark to be deducted for spelling error.

Q5. Fill in the blanks with suitable collective nouns. [1x2]

- a) It is difficult to spot **streak / ambush** of tigers in the wild.
b) The **congregation** of worshippers listened carefully to the priest.

Note-

- 1 mark should be awarded for correct answer.
- ½ mark to be deducted for spelling error.

Q6. Fill in the blanks with suitable articles.[1x7]

- a) It was ...an..... unexpected result.
b) Can you sparea..... few minutes for me ?
c) This isthe..... easiest topic in Mathematics.
d) ...The.....net connection here is very bad. I need to sendan... important mail.
e) What have you written here? Is this ...a..... six or ...an..... eight ?

Note-

- 1 mark should be awarded for each correct answer.
- In answer **(d)** , ½ mark to be deducted for not beginning the word with capital letter .

Q7. Rewrite the following sentences changing the subject from Plural to singular form and make other necessary changes . [5]

- a) **A soldier defends** the honour of the country.(1/2 +1/2)
b) **This shopkeeper sells medicine** at fixed price. (1/2 + 1/2 + 1/2 + 1/2)

c). That little childlikes bread and sandwich. (1/2 +1/2 +1/2 +1/2)

Note-

- 1/2 mark should be awarded for each correct word.

Q8. Rewrite the following sentences changing the gender of the underlined nouns .

Ans .The masterof the house owns a roe,an ewe and a boar.**[1x4]**

Note-

- 1 mark should be awarded for each correct answer.

Q9. Spot the error in the following sentences and rewrite the given sentences. [1x4]

- a) They saw many sheep in the field. /They saw a sheep in the field.
- a) I did not take his pen.
- b) These boys do not need help.
- c) I am combing my hair in the latest fashion.

Note-

- 1 mark to be awarded for each correct answer.
- In a) both the answers are correct. 1 mark should be awarded for any of the given answers.

Q10.Pick out the verb and identify the Tense of each sentence. [1x4]

- a) **Verb-** will hold(1/2)
Simple Future tense (1/2)
- b) **Verb-** was blowing (1/2)
Past continuous tense (1/2)
- c) **Verb -** carry (1/2)
Simple Present tense (1/2)

- d) **Verb** - will be flying (1/2)
Tense - Future continuous tense (1/2)

Note-

- 1 /2 mark to be awarded for picking out the verb (Auxiliary and main verb) and 1/2 mark for identifying the tense in each answer.
- No marks to be awarded for the verbs if they are not exactly the same as given in the answer above .

Q11.Fill in the blanks with the past tense or past participle form of the verbs given in brackets. [1x4]

- a) Asha sang a sweet song . Lata has not sung as yet.
b) The earthquake shook the building. The other houses were also shaken by the earthquake.

Note-

- 1 mark to be awarded for each correct answer.
- NO marks should be awarded if spellings are incorrect.

Q12. Rewrite the sentences changing the Tense of the Verbs as stated in the brackets. [1x4]

- a) Jayant will be going to see the dentist.
b) He does all the work himself.
c) The children were swimming in the pool.
d) I wore a new dress for the party.

Note-

- 1 mark should be awarded only if the answer is fully correct and exactly the same as given in the answer script
- No marks to be awarded for a wrong answer.

Q13. Fill in the blanks with simple present tense or present continuous tense.
[1x4]

- a) My sister never drinks coffee.
b) Usually the gardener waters the plants. He is unwell today, so I am watering the plants.

Note-

- 1 mark to be awarded only if the answer is fully correct and exactly the same as given in the answer script.
- If the answer is incorrect then no marks should be awarded.

- c) Don't disturb Anita. She is doing her homework.

Q14. Fill in the blanks with the correct past and past continuous form of the verbs in brackets.
[1x4]

- a) I fell off the chair while I was hanging the picture.
b) We were watching a video when he came.

Note-

- 1 mark to be awarded for each correct answer.
- If the answer is incorrect then the marks awarded should be 0.

Q15. Choose the correct verb to complete the sentences given below.
[1x4]

- a) Does he know German ?
b) Did you switch off the light, when you left the room?

Note-

- 1 mark should be awarded only if the answer is correct and exactly the same as given in the answer script.
- In **a** and **b**, ½ mark to be deducted for not beginning with capital letter.
- If there is any spelling error in the answer, then the marks awarded should be 0.

c) How **does** this radio **work** ?

Q16. Choose the appropriate idiom from the box and fill in the blanks. [1x4]

gift of the gab, taken aback, build castles in the air, sit on the fence,

- Instead of working hard at his lessons, Amit used to **build castles in the air**.
- All good salespeople have the **gift of the gab**, so people trust them and believe whatever they say.
- He considered that it was better for him to **sit on the fence** rather than taking sides during the quarrel.
- The worker was **taken aback** when he was accused of stealing.

Note-

- 1 mark to be awarded for each correct answer.
- ½ mark to be deducted for each spelling error.

***** x *****

SUBJECT: English-II (Literature)

Full Marks: 80

Section-A

Q1. Read the given lines and answer the following questions with reference to the context.

(a) "What are you doing here?" he cried in a gruff voice, and the children ran away. [7]

- (i) In the above line, 'He' refers to the Selfish Giant. (1)
- (ii) The speaker was angry because he was very selfish, and did not want to share his beautiful garden with others. (2)
- (iii) In order to punish the children, he built a high wall around the garden and put up a notice board where it was written, "TRESPASSERS WILL BE PROSECUTED." (2)
- (iv) The poor children were very sad and disappointed as they had no place to play. They tried to play on the road, which was dusty and full of hard stones. The children often wandered around the high boundary wall of the Giant's garden when their lessons were over. Although they lamented at their present plight, they shared their past happy experiences with each other and derived joy. (2)

(b) "I felt awful then. I looked at the walls, I looked at the door. I looked at the oranges, and I looked at my apron with the broken string". [7]

- (i) In the above lines, 'I' refers to the narrator. (1)
- (ii) He was in the cabin of Pongo, the policeman. (1)
- (iii) The narrator was in the policeman's cabin because Pongo on seeing his bulging pockets, had suspected him of stealing the oranges. (2)
- (iv) The narrator felt awful inside the policeman's cabin since he felt being trapped there, with no way to escape. He thought of the consequences, and about the manner in which he would be sacked and sentenced. He also wondered about what his mother would say and his father would do. All these thoughts made him feel miserable. (3)

(c) "I absolutely deny it, Your Honour." [6]

- (i) Jwala Prasad made the above statement. (1)
- (ii) Jwala Prasad was speaking to Birbal. (1)
- (iii) Jwala Prasad was trying to deny that Ram Chand had ever lent him fifteen hundred Rupees, and that he had promised Ramchand to return the money within six months. (2)
- (iv) Jwala Prasad tried to prove his point by mentioning that Ramchand would have definitely taken a receipt from him in case he had lent him such a large sum of money. He also demanded that Ramchand should produce a receipt as a proof of lending him the money. (2)

(d) "No, I will not. Now give me my shawl for I must leave." [8]

- (i) These words were spoken by Nandi's father to her. (2)
- (ii) Nandi's father was going down the valley to the 'Big Market' to buy all necessary things, since not much was left in the house to eat. (2)
- (iii) While leaving the house, Nandi's father promised her that he would be back home on the third day from the day of leaving. He also assured her, that upon his return, both of them would pluck the Kaafal berries and store them in the little baskets. (2)
- (iv) Nandi's father could not keep his promise of returning home on the third day since he was a forgetful man. (2)

Section-B

Q2. Read the extracts of the following poems and answer the questions that follow:

(a) 'Abou Ben Adhem.....book of gold.' [6]

(i) The name of the poet is James Henry Leigh Hunt. (1)

(ii) According to me, the poet's statement, 'May his tribe increase' implies that God felt (2)

Abou Ben Adhem was a kind, honest and cheerful human being, who loved God and his fellowmen. God thus wanted the world to be full of more such people like Abou.

(iii) The presence of the Angel illuminated the room beautifully like a lily in full bloom. (1)

(iv) On waking up one night from a deep dream of peace, Abou Ben Adhem saw an Angel (2) in the moonlight that had lit his room. He saw the Angel writing something in a book of gold.

(b)'The father Sheru's.....some Chinese medicine.' [8]

(i) The name of the poet is Keki N Daruwalla. (1)

(ii) In the above stanza, 'Sheru' refers to the unfortunate tiger that had been killed. (1)

(iii) The tiger 'Sheru' had been shot dead and skinned. Its bones had also been crushed (2) into powder for making some Chinese medicine.

(iv) The poachers were responsible for Sheru's plight. (1)

(v) The purpose of killing 'Sheru' was to illegally sell its skin and crushed bones for (3) earning large sums of money. The skin of the dead tiger would be used as decorative wall-hangings, whereas the bones would be crushed into powder and exported for making some Chinese medicine.

Q3. The poem 'Silver' is written by the poet Walter de la Mare. In this poem, the poet (1+2) has referred 'she' to personify the moon, and compare it with a beautiful and graceful lady, who moves slowly and silently over the earth at night in her silver shoes.

Section-C

Q4. Answer the following questions. [20]

(i) Nandi was a small girl who lived in a little village in the mountains. She had black (2+2)

eyes and long silky hair, that she tied into two tight plaits every morning and curled them round her head. She was a helpful, hardworking, considerate and brave girl.

She helped her father in ploughing, weeding and hoeing their two rice fields down in the valley.

(ii) Being sad and disappointed, Nandi wished to be a little bird with wings, so that (1+1+2) she could fly to meet her father who had not returned home on the third day.

Her wish was granted by the little spirits who danced under the pine trees on a full-moon night.

It was believed in the mountain village, that a genuine wish from someone with a pure heart would be granted by these little spirits. Since Nandi was an innocent and

and pure-hearted girl, her wish was granted.

(iii) Yes, the Giant's Garden experienced an unusual change in spring. (1+2+1)

When spring had arrived, there were fresh blossoms and birds all over the country, but the Giant's garden looked barren as if it was still winter. In his garden, the trees forgot to blossom and the birds never sang anymore. The entire garden was covered with a white cloak of snow and the frost painted the trees silver. The Giant's garden looked cold and white, devoid of life and nature's bounty.

This unusual change happened in the Giant's garden, because he had stopped the children from entering and playing there.

(iv) The narrator thought that his friend Clem Jones was a clever planner because Clem (4) always made plans to fool others and fulfil his missions without being caught. On one such incident, he had purposely kept a cat inside a box while returning from the docks so that he could fool Pongo the policeman, if challenged. This trick worked for him one day, when the cat jumped out of the box while he was being questioned by Pongo. This helped Clem to gain Pongo's trust, and enabled him later to steal a full-sized Dutch cheese without being caught.

(v) In order to resolve the dispute between the two merchants Ramchand and Jwala (4) Prasad, Birbal made a plan to test their honesty. He sent each of them a large tin of ghee and asked them to sell the tins on his behalf after verifying its purity. Birbal had purposely put a gold mohur inside each tin to find out who of the two would be honest in handing him over the gold mohur along with the actual selling price. Birbal eventually found Ramchand to be honest since he had returned the gold mohur along with the actual selling price. On the other hand, Jwala Prasad's denial of the gold mohur and the lower selling price, confirmed his dishonesty. Jwala Prasad's dishonesty was further proved after his son revealed the truth in front of Birbal. Birbal was convinced about who the guilty was, and punished Jwala Prasad to resolve the dispute.

Q5. Write the meanings of the given words. (1X3)

(i) vindictive ----- **revengeful**

(ii) dusky ----- **dim, shadowy**

(iii) proximity ----- **closeness**

Q6. Write one word for the following expressions. (1X3)

(i) summon

(ii) red handed

(iii) scampering

Q7. Complete the following sentences meaningfully. (2X3)

(i) The narrator worked for the 'Swift Delivery Company', and a lot of his pickups were at the docks.

(ii) Birbal was known for his keen intelligence, fair-mindedness and proximity to Emperor Akbar, in whose absence, he solved the problems of the citizens.

(iii) The Giant had been to visit his friend Cornish ogre, and had stayed with him for seven years.

Q8. Match the following idioms to their meanings. (1X3)

(i) all Greek to me ----- cannot understand

(ii) a dime a dozen ----- very cheap

(iii) smell a rat ----- suspect something

[Class-V/English-II(Literature)]

(NOTE: ALL ANSWERS SHOULD BE WRITTEN IN PAST TENSE.)

(i) Reference to Context

In each answer related to 'Reference to Context', ½ a mark is to be deducted for each spelling mistake, and ½ a mark for punctuation, tenses and other grammatical errors.

---If the answer is factually incorrect, then no marks would be awarded.

(ii) Word Meanings and Give One Word for:

In Section-C (Q5 and Q6), if the answers are correct, but spellings are wrong, ½ a mark is to be deducted for spelling mistake from each answer.

(iii) Questions and Answers

Although children may write the answers in their own words, the answers would have to be factually correct to match the reference answers provided.

---The allotted marks for questions or parts of questions are given in brackets.

Kindly evaluate as per the marks indicated in the brackets.

---½ a mark is to be deducted for each spelling mistake, punctuation errors and incorrect usage of tenses from each answer.

---In Section-C, Q4(i, ii, iii),if the **answer is factually correct** but there are **toomany spelling and grammatical errors**, then **½ a mark should be awarded** for each part of the answer.

---In Section-C Q4 (iv and v),if there are **too many spelling mistakes and grammatical errors**, but the **answer matches** with the **referenceanswers**, then **1 mark** should be **awarded**.

(iv)Complete the following sentences meaningfully.

In Section-C(Q7), children need to **copy the given sentences** before completing them.

---For **each spelling mistake**, **½ a mark** should be **deducted**.However, if the **answer is complete and meaningful** and **matches with the reference answer**, then **1 mark should be awarded** for **each answer**, irrespective of the type of error.

(v)Match the following idioms to their meanings.

In Section-C(Q8), **1 mark** is to be **awarded** for **each correct answer**. However, **½ a mark** is to be **deducted** for **spelling mistakes** from **each answer**

Subject: MATHEMATICS
FM= 80

Broad criteria for marking:

- i. *Marks for each question along with step marking(whenever required) have been provided on the right hand side of each question.*
- ii. *[] Square bracket implies total marks for each question*
- iii. *) Small bracket gives the marks for each step in solving the problem.*

1. [1 X 10=10]

a. The place value of digit 7 in 57,49,38,125 is _____.

Ans- 7 crores

b. The face value of digit 8 in 45,84,206 is _____.

Ans- 8

c. The H.C.F of 3 and 5 is _____.

Ans- 1

d. _____ is the largest 8 digit even number.

Ans- 9,99,99,998

e. The predecessor of 9,85,63,110 is _____.

Ans- 9,85,63,109

f. The successor of 18,99,99,999 is _____.

Ans- 19,00,00,000

g. The sum of two halves is equal to _____.

Ans -1

h. A _____ extends endlessly in both directions.

Ans- line

i. $\frac{31}{5} =$ _____(convert into mixed fraction)

Ans- $6\frac{1}{5}$

j. $2^3 \times 3^2 =$ _____(write the product)

Ans- 72

Note: 1 mark for each correct answer.

2. [4+4+2]

a. Factorize 1344 and write the prime

factors in product and index form.

2	1 3 4 4	+ 2								
2	6 7 2		+ 2							
2	3 3 6			+ 2						
2	1 6 8				+ 2					
2	8 4					+ 2				
2	4 2						+ 2			
3	2 1							+ 2		
7	7								+ 2	
	1									+ 2

$$1344 = 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 3 \times 7 \quad + 1$$

$$1344 = 2^6 \times 3 \times 7 \quad + 1$$

Note: No step marking for working.

- b. The sum of two numbers is 72,985. If one of the numbers is 43,876, find the other number.

The sum of two numbers	= 72985	+2
One of the number	= 43876	}
The other number	= 72985-43876	}
	= 29109	+2

Ans – The other number is 29109.

Note: The statements in the answers to the above word problem should be similar as provided in the solution. In case the statements are wrong one mark is to be deducted. No marks are to be deducted for spelling errors.

c. Observe the pattern and write the next two numbers.

$$43,12,67,490; \quad 43,12,68,490$$

$$\underline{43,12,69,490}; \underline{43,12,70,490} \quad + 2$$

3.

[4+4+2]

a. Find the H.C.F of 108 and 144 by prime factorization method.

H.C.F of 108 and 144

2	108	2	144	} +2
2	54	2	72	
3	27	2	36	
3	9	2	18	
3	3	3	9	
	1	3	3	
			1	

$$108 = \underline{2} \times \underline{2} \times 3 \times \underline{3} \times \underline{3}$$

$$144 = \underline{2} \times \underline{2} \times 2 \times 2 \times \underline{3} \times \underline{3}$$

$$\text{H.C.F} = 2 \times 2 \times 3 \times 3 \quad + 1$$

$$\text{H.C.F} = 36 \quad + 1$$

Note: -1 mark for each correct factorization.

-If any of the steps are missing deduct the marks accordingly.

b. Aditya purchased 64 railway tickets for ₹48,704. Find the cost of 10 such tickets.

$$\begin{array}{l}
 \text{Cost of 64 railway tickets} = ₹ 48,704 \\
 \text{Cost of one railway ticket} = ₹ 48,704 \div 64 \\
 = ₹ 761 \\
 \text{Cost of 10 railway tickets} = ₹ 761 \times 10 \\
 = ₹ 7610
 \end{array}
 \begin{array}{l}
 \left. \begin{array}{l} \\ \\ \\ \end{array} \right\} +2 \\
 \left. \begin{array}{l} \\ \\ \end{array} \right\} +2
 \end{array}$$

Ans = The cost of 10 railway ticket is ₹ 7610.

Note: The statements in the answers to the above word problem should be similar as provided in the solution. In case the statements are wrong one mark is to be deducted. No marks are to be deducted for spelling errors.

c. Fill in the missing digits to make the number exactly divisible:

i) $1725\underline{6}$ is exactly divisible by 8. + 1

ii) $1921\underline{2}$ is exactly divisible by 6. + 1

Note: Digit 2 or 8 is the correct answer. The child can write any of these options.

4. [4+4+2]

a) Find the L.C.M of 18, 24, 36.

L.C.M of 18, 24, 36.

2	18, 24, 36
2	9, 12, 18

$$\begin{array}{r}
 2 \quad 9, \quad 6, \quad 9 \\
 \hline
 3 \quad 9, \quad 3, \quad 9 \\
 \hline
 3 \quad 3, \quad 1, \quad 3 \\
 \hline
 1, \quad 1, \quad 1
 \end{array}
 \qquad + 2$$

$$\begin{array}{l}
 \text{LCM} = 2 \times 2 \times 2 \times 3 \times 3 \\
 \text{LCM} = 72
 \end{array}
 \qquad + 2$$

Note: No step marking for the working.

b. Find the H.C.F of 98, 168 and 266 by division method.

H.C.F of 98, 168, 266

Step 1

$$\begin{array}{r}
 98)168(1 \\
 \underline{-98} \\
 70)98(1 \\
 \underline{-70} \\
 28)70(2 \\
 \underline{-56} \\
 14)28(2 \\
 \underline{-28} \\
 00
 \end{array}
 \qquad + 2$$

H.C.F of 98 and 168 is 14.

Note: 2 marks for correct working in step 1.

Step 2

$$\begin{array}{r} 14 \overline{)266} \\ \underline{-14} \\ 126 \\ \underline{-126} \\ 000 \end{array} \quad \left. \vphantom{\begin{array}{r} 14 \overline{)266} \\ \underline{-14} \\ 126 \\ \underline{-126} \\ 000 \end{array}} \right\} + 1$$

Ans= H.C.F of 98, 168, 266 is 14. +1

c. Write the greatest and the smallest 8 digit

number formed by the digit 3,2,0,7,5,9.

(You may repeat the digits)

Greatest 8 digit number is 9,99,75,320 + 1

Smallest 8 digit number is 2,00,03,579 +1

5. Solve the following [3+3+3+1]

a. $\frac{3}{4} + \frac{5}{6}$

$\frac{3}{4} + \frac{5}{6}$ (L.C.M of 4 and 6 is 12)

$$= \frac{3 \times 3}{4 \times 3} + \frac{5 \times 2}{6 \times 2}$$

$$= \frac{9}{12} + \frac{10}{12}$$

$$= \frac{9+10}{12}$$

+ 1

$$= \frac{19}{12} \quad + 1$$

$$= 1 \frac{7}{12} \quad + 1$$

$$\text{Ans} = 1 \frac{7}{12}$$

Note: - If any of the steps are missing deduct

1 mark.

- If the final answer is not in mixed fraction

deduct 1 mark.

b. $2 \frac{1}{5} - 1 \frac{1}{3}$

$$= \frac{11}{5} - \frac{4}{3} \quad (\text{L.C.M of 5 and 3 is 15}) \quad + 1$$

$$= \frac{11 \times 3}{5 \times 3} - \frac{4 \times 5}{3 \times 5}$$

$$= \frac{33}{15} - \frac{20}{15}$$

$$= \frac{33-20}{15}$$

$$= \frac{13}{15}$$

$$\text{Ans} = \frac{13}{15}$$

} +1
+ 1

c. $9 - 2 \frac{1}{3}$

$$\begin{aligned}
&= \frac{9}{1} - \frac{7}{3} && \text{(L.C.M of 1 and 3 is 3)} && +1 \\
&= \frac{9 \times 3}{1 \times 3} - \frac{7 \times 1}{3 \times 1} \\
&= \frac{27}{3} - \frac{7}{3} && && +1 \\
&= \frac{27-7}{3} \\
&= \frac{20}{3} \\
&= 6\frac{2}{3} && && +1
\end{aligned}$$

Ans = $6\frac{2}{3}$

Note: If the final answer is not in mixed fraction deduct 1 mark.

d. The distance between parallel lines always remains the same throughout. +1

6. [3+4+3]

a. Arrange the following fraction in ascending order:

$$\frac{2}{3}, \frac{5}{9}, \frac{5}{6}$$

$$\begin{aligned}
&\frac{2}{3}, \frac{5}{9}, \frac{5}{6} && \text{(L.C.M OF 3, 9, 6 is 18)} \\
&= \frac{2}{3} = \frac{2 \times 6}{3 \times 6} = \frac{12}{18} \\
&= \frac{5}{9} = \frac{5 \times 2}{9 \times 2} = \frac{10}{18} && && +1\frac{1}{2}
\end{aligned}$$

$$= \frac{5}{6} = \frac{5 \times 3}{6 \times 3} = \frac{15}{18}$$

$$= \frac{10}{18}, \frac{12}{18}, \frac{15}{18} \quad + \frac{1}{2}$$

Ans- $\frac{5}{9}, \frac{2}{3}, \frac{5}{6} \quad + 1$

Note: If the child arranges the equivalent

fractions in ascending order $\frac{1}{2}$ mark is awarded.

- If the final answer is not written 1 mark shall be deducted.

b. A milkman had 8 litres of milk in the can. He sold $5\frac{1}{4}$ litres of milk. How much milk was left in the can?

Quantity of milk in the can = 8 liters

Quantity of milk sold = $5\frac{1}{4}$ liters

Quantity of milk left = $8 - 5\frac{1}{4} + 2$

$$= \frac{8}{1} - \frac{21}{4}$$

(L.C.M = 4)

$$\begin{aligned}
&= \frac{8 \times 4}{1 \times 4} - \frac{21 \times 1}{4 \times 1} \\
&= \frac{32}{4} - \frac{21}{4} + 1 \\
&= \frac{32-21}{4} \\
&= \frac{11}{4} \\
&= 2\frac{3}{4} \text{ litres} + 1
\end{aligned}$$

Ans- $2\frac{3}{4}$ litres of milk was left in the can.

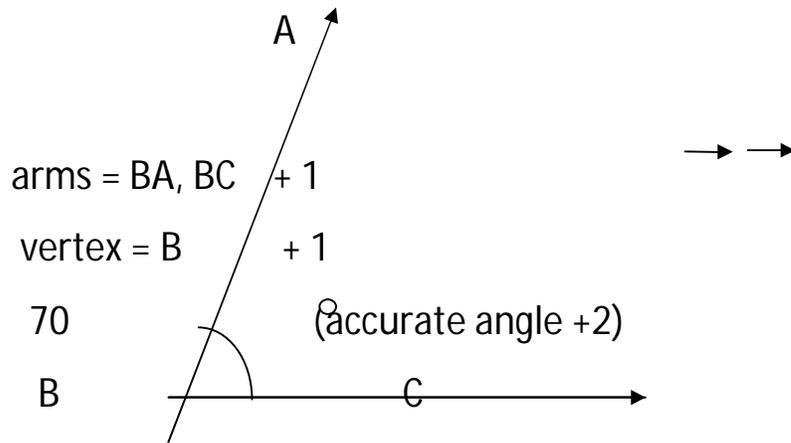
Note: - The statements in the answers to the above word problem should be similar as provided in the solution. In case the statements are wrong one mark is to be deducted. No marks are to be deducted for spelling errors.

- Half mark to be deducted if the unit (litres) is not mentioned in the answer.

c. Draw an angle measuring 70° with the help of a protactor.

i) Name the angle.

ii) Write the two arms and its vertex.



Notes: If the angle varies from 70° by $+5^\circ$ or -5° then 1 mark is to be deducted.

7. [4+3+3]

- a. A boy spends $\frac{3}{8}$ of his pocket money on books and $\frac{2}{5}$ on sweets. Find the fraction of pocket money he spent altogether.

Fraction of pocket money = $\frac{3}{8}$

spent on books

Fraction of pocket money = $\frac{2}{5}$ + 2

spent on sweets

Fraction of pocket money = $\frac{3}{8} + \frac{2}{5}$

spent all together

$$\begin{aligned}
 & (\text{L.C.M} = 40) \\
 & = \frac{3 \times 5}{8 \times 5} + \frac{2 \times 8}{5 \times 8} \\
 & = \frac{15}{40} + \frac{16}{40} + 2 \\
 & = \frac{15+16}{40} \\
 & = \frac{31}{40}
 \end{aligned}$$

Ans- Fraction of pocket money spent altogether

is $\frac{31}{40}$.

Note: The statements in the answers to the above word problem should be similar as provided in the solution. In case the statements are wrong one mark is to be deducted. No marks are to be deducted for spelling errors.

b.Fill in the blanks in each of the following
fraction

i) $\frac{4}{7} = \frac{16}{\quad}$ + 1

$$\frac{4 \times 4}{7 \times 4} = \frac{16}{28}$$

Ans= 28

ii) $\frac{4}{9} = \frac{\quad}{81}$ + 1

$$\frac{4 \times 9}{9 \times 9} = \frac{36}{81}$$

Ans= 36

$$\text{iii) } \frac{20}{45} = \frac{\quad}{9} \qquad + 1$$

$$\frac{20 \div 5}{45 \div 5} = \frac{4}{9}$$

Ans= 4

c. Which of the following numbers are exactly divisible by 11 ?(Use the divisibility rule and show the working).

i) 28435; ii) 80437; iii) 509765

$$\begin{array}{l} \text{x} \quad \text{xx} \\ \text{i. } 28435 = 2 + 4 + 5 = 11 \\ \qquad \qquad = 8 + 3 = 11 \end{array} \left. \vphantom{\begin{array}{l} \text{x} \quad \text{xx} \\ \text{i. } 28435 = 2 + 4 + 5 = 11 \\ \qquad \qquad = 8 + 3 = 11 \end{array}} \right\} + \frac{1}{2}$$

28435 is exactly divisible by 11. $+ \frac{1}{2}$

$$\begin{array}{l} \text{x} \quad \text{xx} \\ \text{ii. } 80437 = 8 + 4 + 7 = 19 \\ \qquad \qquad = 0 + 3 = 3 + \frac{1}{2} \\ \qquad \qquad = 19 - 3 \\ \qquad \qquad = 16 \end{array} \left. \vphantom{\begin{array}{l} \text{x} \quad \text{xx} \\ \text{ii. } 80437 = 8 + 4 + 7 = 19 \\ \qquad \qquad = 0 + 3 = 3 + \frac{1}{2} \\ \qquad \qquad = 19 - 3 \\ \qquad \qquad = 16 \end{array}} \right\} + \frac{1}{2}$$

80437 is not exactly divisible by 11. $+ \frac{1}{2}$

$$\begin{array}{l} \text{x} \quad \text{xx} \\ \text{iii. } 509765 = 5 + 9 + 6 = 20 \\ \qquad \qquad = 0 + 7 + 5 = 12 \\ \qquad \qquad = 20 - 12 \end{array} \left. \vphantom{\begin{array}{l} \text{x} \quad \text{xx} \\ \text{iii. } 509765 = 5 + 9 + 6 = 20 \\ \qquad \qquad = 0 + 7 + 5 = 12 \\ \qquad \qquad = 20 - 12 \end{array}} \right\} + \frac{1}{2}$$

$$= 8$$

509765 is not exactly divisible by 11. $+\frac{1}{2}$

8. [3+4+3]

a. Write three equivalent fraction for $\frac{3}{8}$.

Three equivalent fractions of $\frac{3}{8}$

$$\frac{3}{8} = \frac{3 \times 2}{8 \times 2} = \frac{6}{16}$$

$$\frac{3}{8} = \frac{3 \times 3}{8 \times 3} = \frac{9}{24}$$

$$\frac{3}{8} = \frac{3 \times 4}{8 \times 4} = \frac{12}{32}$$

+ 3

Ans- Three equivalent fractions of $\frac{3}{8}$

are $\frac{6}{16}$, $\frac{9}{24}$, $\frac{12}{32}$.

Note- You can multiply $\frac{3}{8}$ by other numbers

also.

b. Reduce the following fractions to their lowest term.

i. $\frac{48}{64}$

$$\frac{48}{64} = \frac{48 \div 8}{64 \div 8} = \frac{6 \div 2}{8 \div 2} = \frac{3}{4}$$

+ 2

ii. $\frac{70}{80}$

$$\frac{70}{80} = \frac{70 \div 10}{80 \div 10} = \frac{7}{8}$$

+ 2

Note: 1 mark should be deducted from each if the fraction is not reduced to its lower term.

- c. Divide 45679 by 225 and write the quotient and the remainder.

$$45679 \div 225$$

225	<table style="border-collapse: collapse; margin-left: auto; margin-right: auto;"> <tr><td style="padding-right: 10px;">203</td></tr> <tr><td style="border-top: 1px solid black; padding-top: 5px;">45679</td></tr> <tr><td style="padding: 5px 0 5px 20px;">- 450</td></tr> <tr><td style="border-top: 1px solid black; padding-top: 5px;">0067</td></tr> <tr><td style="padding: 5px 0 5px 20px;">- 0</td></tr> <tr><td style="border-top: 1px solid black; padding-top: 5px;">679</td></tr> <tr><td style="padding: 5px 0 5px 20px;">- 675</td></tr> <tr><td style="border-top: 1px solid black; padding-top: 5px;">4</td></tr> </table>	203	45679	- 450	0067	- 0	679	- 675	4	<table style="border-collapse: collapse; margin-left: auto; margin-right: auto;"> <tr><td style="font-size: 4em; vertical-align: middle;">}</td><td style="vertical-align: middle;">+2</td></tr> <tr><td style="font-size: 4em; vertical-align: middle;">}</td><td style="vertical-align: middle;">+1</td></tr> </table>	}	+2	}	+1
203														
45679														
- 450														
0067														
- 0														
679														
- 675														
4														
}	+2													
}	+1													

Quotient = 203

Remainder = 4

Note: - No step marking for working.

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Subject: Science

Full Marks: 80

General guidelines for correction of answer script

- Answers of Q1, 2, 3, 4, 5 and 6 should be exactly as the one given in the answer script. No other word will be taken into consideration.
- ½ a mark to be deducted for each wrong spelling.
- Q7 has to be written in columns with heading corresponding with the text. If a child has not followed the format out of 5 , 1 mark is to be deducted.
- Marks are indicated in brackets.
- Child may write answers in his own words but it should be factually correct.
- Kindly refer to the individual guidelines given for Q10 and 12.

Q1. Answer in a word.

[1X5]

- a) Vertebral Column / Spine
- b) Enamel
- c) Corolla / Petals
- d) Lower jaw
- e) Ferns/ Moulds

Q2. What type of muscle do these parts have?

[1X4]

- a) Arms- Voluntary Muscles/Skeletal Muscles
- b) Stomach-Involuntary / Smooth Muscle
- c) Heart- Cardiac Muscles
- d) Lips- Voluntary Muscles/ Skeletal Muscles

(In a,b and d if the child writes any of the two , he will be marked with one mark.)

Q3. Write a suitable term.

[1X3]

- a) Reflection
- b) Opaque
- c) Refraction

Q4. Fill in the blanks.

[1X10]

- a) Flower is borne on a stalk called pedicel.
- b) The long tubular part of stamen is called filament.

- c) Seed leaves are also called **cotyledons**. They store food for the **embryo**
- d) The upper part of of the arm contains a single bone called **Humerus** and the lower part of arm consists of two bones called **radius** and **ulna**.
- e) The long bones of skeleton are **hollow** and filled with soft fatty substance called **bone marrow**.

Q5. Give one example of each. [1X4]

- a) Wrist bones/ ankle bones
 b) Backbone or vertebra
 c) Butter paper
 d) Coconut

Q6. Understand the relation and fill in the blanks. [1X3]

- a) Spinal cord
 b) Tendon
 c) Faint shadow

Section -B

Q7. Write the difference between the following.

a) [1+1]

<u>Hip Joint</u>	<u>Knee Joint</u>
It allows maximum movement in all direction.	It allows only back and forth movement and no rotation.

b) [1/2 +1/2]

<u>Pansy Flower</u>	<u>Maize Flower</u>
Self pollination takes place . The pollens are transferred from anther to stigma of same flower or to a different flower of the same plant.	Cross pollination takes place. Transfer of pollen grains from anther to stigma of flower of another plant of maize.

c) [1/2+1/2]

<u>Rice Seed</u>	<u>Gram Seed</u>
These seeds have only one	These seeds have two cotyledons.

cotyledon .They are called monocot seeds.	They are called dicot seeds.
---	------------------------------

d) [1/2+1/2]

<u>Vallisneria</u> It is an aquatic plant. It's pollen float on water. These are pollinated by water	<u>Bignonia</u> It's flowers are pollinated by birds.
--	---

Q8. Answer the following questions [18]

a) A joint is a region in the skeleton system where two or more bones meet .Joints allow the movement of different parts of our body

The maximum wear and tear of bones take place at the joints. Cartilage protects the bones from wear and tear and increases the life of bones. [2+1+1]

b) Blinking our eyes is the work of involuntary muscles in the following conditions [2]

1. In a state of shock.
2. Certain eye infection.
3. Suddenly when dirt or dust enters our eyes.

[Any one answer will be allocated 2 marks]

c)The process of scattering of seeds away from the mother plant is called **dispersal**.

If dispersal does not take place all seeds will germinate near the parent plant. As a result there will be-

1. Overcrowding
2. Competition for light and nutrients.
3. Plants will grow only in a particular area. [2+3]

e) The process of transference of pollen grains from the anther to the stigma is known as pollination.

The stigma of the flower receives the pollen.

The stigma receives all kinds of pollen but nature has so designed that only the pollen of the same species will help in reproduction and remaining will fail to germinate. [2+1+1]

e)-(ANY THREE OF THE FOLLOWING.)

Benefits of exercise

[1X3]

1. Exercise improves supply of blood to the heart.
2. It burns the extra fat and helps us to remain slim and smart.
3. It removes unwanted and waste material from our body in the form of sweat and urine.
4. It keeps the skin glowing.
5. It increases the physical strength of our body

Q9. Give reasons for the following

a) All seeds are not dispersed by wind because seeds dispersed by wind are small, light-weight and produced in large number. They may also have tuft of hair as in cotton or wings as in maple seed. [2]

b)The pollens of sunflower are transferred by insects so to attract insects sunflowers are large and brightly coloured, on the other hand maize pollens are carried by wind . Therefore, maize flowers are neither brightly coloured nor produce nectar. The flowers of maize hang out to receive pollens and pollen grains are produced in large number.[2]

c)Light is needed to see things around us. We see things only when reflected light from objects enters our eyes and this help us to see.[2]

Q10) Define these.

[2X3]

- a) **Vegetative Propagation**- The process in which new plants grow from stem ,leaves and roots instead of seeds is called vegetative propagation.
- b) **Girdles**- The bony ring like structure present in our body is called girdle.
- c) **Shadow**- The dark patch obtained when an object obstructs the path of light is called shadow.

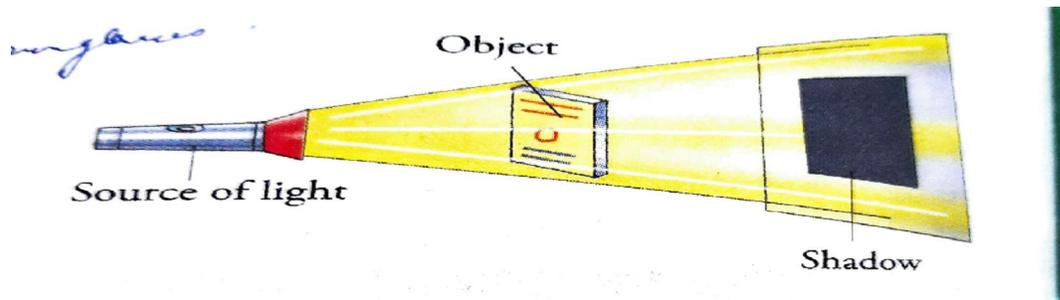
(Definition should have the exact words as given above. If any word is missingthen half a mark is to be deducted.)

Section-C

Q11)Study the diagram and answer the questions

- a) It is made of 12 pairs of thin curved bones called ribs.[1]
- b) The long flat bone is called sternum[1]
- c) The last two pairs of ribs that are not attached to sternum are called floating rib. [2]
- d) It protects the heart and lungs. [2]

Q12) 2 marks for neatness and accuracy in diagram and one mark each for labelling 1.Source 2. Object 3.Shadow [2+3]



Q13)a) It's the third stage of germination.

[1]

b) A-Plumule

[1X2]

B- Radicle

c) In the early stages of germination, the seedling gets food for its growth from the seed leaves. After the seed leaves are used up, the baby plant obtains nourishment from the soil.[2]

-----X-XX-----

Subject – Computer Science

FM: 80

Q1. Fill in the blanks.

[1x5=5]

(Copy the sentences)

- Application** software is a set of program or software designed to do a particular work.
- The second generation computers used **transistors** as it's main component.
- Anti – virus** software helps to protect computers from failures and loss of data.
- The **hexadecimal** number system also contains alphabets to represent the numbers.
- Blaise Pascal was a mathematician from **France**.

(Note: i) Each blank carries 1 mark.

ii) ½ mark to be deducted for each spelling error.

Q2. Match the following.

[1X5=5]

(Write the correct answer against the first column)

a) Backup Software

- Cloud Server

- b) Spreadsheet Software - Lotus 123
- c) Multimedia Software - VLC Media Player
- d) Graphics Software - Adobe Photoshop
- e) Presentation Software - Adobe Flash

**(Note: i) Each answer carries 1 mark.
ii) ½ mark to be deducted for each spelling error.**

**Q3. State whether the statements are 'True' or 'False'. [1X5=5]
(Write only the answer)**

**(Note: i) Each answer carries 1 mark.
ii) ½ mark to be deducted for each spelling error.**

- a) Compressed files can be sent as attachments. -True
- b) Scanning software converts only images in digital form. -False
- c) A octal number can have digits equal to 8. -False
- d) The fourth generation computers use CPU chip as the main component. -True
- e) Napier's Bone calculating device was invented in 1642. -False

**Q4. Name the following: [2+4+4=10]
(Write only the answer)**

- a) Any **two** word processor application software

**Ans) The different word processor application software are-
(Any two of these)**

- Microsoft Word or MS – Word
- WordPad
- WordPerfect
- WordStar
- Soft Word

(Note: ½ mark to be deducted for each spelling error.)

- b) Any **four** functions of an operating system.

**Ans) The different functions of an operating system are-
(Any four of these)**

- File management
- Device management
- Memory management
- Controls and runs the software
- Handles input and output
- Security management

(Note: ½ mark to be deducted for each spelling error)

c) Any **four** different utility software.

Ans) The different utility software are –

(Any four of these)

- **Anti – virus Software**
- **Backup Software**
- **Compression Software**
- **Scanning Software or Scandisk Software**
- **Defragmentation Software**
- **File recovery Software**

(Note: ½ mark to be deducted for each spelling error)

Q5. Answer the following questions.

[2+3+3+4=12]

(Do not copy the questions)

(Note: i) 1 mark for each point.

ii) ½ mark to be deducted for each spelling error.

iii) Can express the points in his own words but meaning should not differ.)

a) Explain **any two** different Language Translators.

Ans) (Any two of these)

- **Assembler** – which converts the programs written in assembly language to machine language.
- **Compiler** – which converts the programs written in high – level language to machine language as a whole.
- **Interpreter** – which converts the programs written in high – level language to machine language, line by line.

b) Write about **any three** limitations of a computer.

Ans) (Any three of these)

The different limitations of computers are-

- **Computers lack in thinking: Computers cannot think on their own. They need to be programmed by the humans first, before providing results. They can only work as per stored instructions.**

- **Computers cannot decide**: Computers cannot take their own decisions, as they do not have knowledge, information and intelligence on their own.
- **Computers cannot express their ideas**: Computers are widely used in all the fields, still they cannot express their own ideas to solve problems. They depend on the humans to solve the problem.
- **Computers cannot implement things**: Computers perform efficient data storage and handles bulk data, but only the humans decide the part of implementation.

c) Write **any three** characteristics of the fifth generation computers.

Ans) **(Any three of these)**

The characteristics of the fifth generation computers are-

- The fifth generation computer works at a very high speed due to high processing power.
- The fifth generation computers have large memory requirements and has huge storage capacity.
- The fifth generation computers have a unique feature or characteristic of voice recognition which enables the user to give instruction to the computer by saying the instructions instead of typing them.
- The fifth generation computer are more user friendly.

d) Write any **two** differences between a decimal number system and binary number system.

Ans) **(Any two of these)**

<u>Decimal number system</u>	<u>Binary number system</u>
1. Decimal numbers consist of ten digits from 0 to 9.	1. Binary numbers consist of two digits 0 and 1.
2. The radix or base number for a decimal number is 10.	2. The radix or base number for a binary number is 2.
3. All the digits in a decimal number	3. All the digits in a binary number

are expressed in terms of powers of 10.
powers of 2.

are expressed in terms of powers of 2.

4. Decimal numbers are the most common and are used to represent numeric value.

4. Binary numbers are used to represent data and information in a digital device (computer).

Q6. Convert the given decimal numbers into binary numbers.
[4X2=8]
(Copy the numbers and show the steps)

Note: i) The division should be correctly done for each step.
ii) The remainder in step has to be shown.

a) 251

$$\begin{array}{r|l} 2 & 251 \\ \hline 2 & 125 - 1 \\ \hline 2 & 62 - 1 \\ \hline 2 & 31 - 0 \\ \hline 2 & 15 - 1 \\ \hline 2 & 7 - 1 \\ \hline 2 & 3 - 1 \\ \hline & 1 - 1 \\ \hline & \uparrow \end{array}$$

11111011

$251_{10} = 11111011_2$ -----> 1 mark (The base number need to mentioned)

b) 222

$$\begin{array}{r|l} 2 & 222 \\ \hline 2 & 111 - 0 \\ \hline 2 & 55 - 1 \\ \hline 2 & 27 - 1 \\ \hline & \end{array}$$

```

2  13 - 1  1 mark
2  6 - 1
2  3 - 0
1 - 1      1 mark
           ↑
  
```

11011110

$222_{10} = 11011110_2 \dots \rightarrow$ 1 mark (The base number need to mentioned)

Q7. Write GW BASIC program for the following.

[7X5=35]

(Do not copy the problems)

NOTE:

- i) Line numbers may vary.
- ii) Variables may vary.
- iii) The PRINT command statements may differ but meaning should be the same.

a) A box can hold 26000 pens. It already has 13975 pens. Write a program to find how many more pens can be put in the box so that it is full.

PB = 26000

P = 13975

MP = PB - P

CLS

NEW

10 REM: "Program to find number of more pens needed to fill the box"

\rightarrow (1 mark)

15 LET PB = 26000

} (1 mark)

20 LET P = 13975

25 LET MP = PB - P

\rightarrow (2 marks and no marks for P - PB)

30 PRINT "No. of pens a box can hold=" PB

35 PRINT "No. of pens already in a box has=" P

} (3marks)

40 PRINT "No. of more pen needed =" MP

45 END

b) The product of two numbers is 54255. Write a program to find the other number if one of the numbers is 15.

P = 54255

ON1 = 15

ON2 = P / ON1

CLS

NEW

```
10 REM: "Program to find the other number " → (1 mark)
20 LET P = 54255 } (1 mark)
30 LET ON1 = 15 }
40 LET ON2 = P / ON1 → (2 marks and no marks for ON1/P)
50 PRINT "Product of two numbers=" P
60 PRINT "One number is =" ON1 } (3marks)
70 PRINT "Other number is =" ON2 }
80 END
```

- c) Mahesh is left with ₹ 3957. He has spent ₹ 1216 on his shirt. Write a program to find how much money did he have with him before buying the shirt.

AL = 3957
SP = 1216
TA = AL + SP

CLS

NEW

```
5 REM: "Program to find the amount of money Mahesh had with
before buying the shirt" → (1 mark)
15 LET AL = 3957 } (1 mark)
20 LET SP = 1216 }
25 LET TA = AL + SP → (2 marks)
30 PRINT "Amount of money left = ₹" AL
35 PRINT "Amount spent to buy the shirt = ₹" SP } (3
40 PRINT "Amount of money he had before buying the shirt = ₹" TA } marks)
45 END
```

- d) The weight of an iron ball is 2550 gm. Write a program to find the weight of such 12 iron balls.

WB1 = 2550
IB = 12
WB12 = WB1 * IB

CLS

NEW

```
5 REM: "Program to find the weight of 12 such balls" → (1 mark)
10 LET WB1 = 2550 } (1 mark)
15 LET IB = 12 }
```

```

20 LET WB12 = WB1 * IB →(2 marks)
25 PRINT "Weight of one iron ball =" WB1 "gm"
30 PRINT "Number of iron balls =" IB (3marks)
35 PRINT "Weight of" IB "iron balls =" Wb12 "gm"
45 END

```

e) If the difference of two numbers is 114615. Write a program to find the smaller number if the bigger number is 368997.

BN = 368997

D = 114615

SN= BN – D

```

CLS
NEW
10 REM: "Program to find the smaller number " →(1 mark)
20 LET D = 114615 (1 mark)
30 LET BN = 368997
40 LET SN= BN – D →(2 marks and no marks for D – BN)
50 PRINT"Difference of two numbers=" D
60 PRINT "Bigger number is =" BN (3 marks)
70 PRINT "Smaller number is =" SN
80 END

```

SUBJECT – SOCIAL STUDIES
 F.M 80
SECTION A.

- Q1. Give one word for the following statements. [1 x 5 = 5]
- A set of political principles by which a government runs.
 Ans. Constitution
 - Introduction of something new.
 Ans. innovation
 - Save people from dangerous situation.
 Ans. rescue
 - People who came before us.
 Ans. ancestors

e. The imaginary vertical lines drawn on the globe.

Ans. Longitudes

[½ mark to be deducted for spelling errors and 1 mark for wrong answer]

Q2. Choose the correct option and complete the statements. [1 x 5 = 5]

a. The tilt of an axis.

(1) $32\frac{1}{2}^\circ$ (2) $23\frac{1}{4}^\circ$ (3) $23\frac{1}{2}^\circ$ (Ans. $23\frac{1}{2}^\circ$)

b. The Fundamental Rights are written in ____ of the constitution.

(1) Part II (2) Part IV (3) Part III (Ans. Part III)

c. Indian Constitution has

(1) 359 articles (2) 395 articles (3) 358 articles (Ans. 395 articles)

d. The leading IT exporter in our country which is also known as Silicon Valley.

(1) Chennai (2) Mumbai (3) Bengaluru (Ans. Bengaluru)

e. The latitude is known as Great Circle

(1) Arctic Circle (2) Antarctic Circle (3) Equator (Ans. Equator)

[½ mark to be deducted for spelling errors and ½ mark for not writing full sentence and 1 mark for wrong answer]

Q3. State whether the following statements are True or False. [1 X 5 = 5]

a. The length of all parallels of latitude is equal. **(False)**

b. The voyage of Vasco da Gama proved that the Earth is round. **(False)**

c. Some countries like Persia and Greece used pigeons to deliver letters. **(True)**

d. India sent its last telegram on 15th July 2013. **(True)**

e. The network of imaginary lines is called Earth's grid. **(True)**

Q4. Rewrite the given sentences by changing the underlined words. [1x5=5]

a. The degrees decrease as we go away from the Equator.

Ans. increase

b. U.S.A has parliamentary form of government.

Ans. presidential

c. In our country the entire coastline is studded with 14 major ports.

Ans. 12 major

d. Foreigners have to stay in India for at least nine years in order to get Indian citizenship.

Ans. 12 years

e. The spinning of Earth on its axis is called revolution.

Ans. rotation

[½ mark to be deducted for each spelling mistake and 1 mark for wrong answer]

Q5 Match the following. [1x6=6]

- | | |
|--------------------------------------|------|
| a. Printing Press (Ans. 1455) | 1878 |
| b. Telephone (Ans. 1878) | 1838 |
| c. Computer (Ans. 1838) | 1851 |
| d. Constitution of India (Ans. 1950) | 1886 |
| e. Telegraph (Ans. 1851) | 1950 |
| f. Motor run wagons (Ans. 1886) | 1455 |

[1 mark to be deducted for every wrong match]

Q6. Fill in the blanks with appropriate words. [1x10=10]

- The first rail in India started in **1853** between **Mumbai** and **Thane**.
- Keyboard, mouse** and printer are the accessories of the computer. (CPU is also correct)
- Britain** has an unwritten constitution.
- Water** transport is the oldest and **cheapest** means of transport.
- Arctic Circle experiences 24 hours of daylight on **21, June**.

[½ marks would be deducted for spelling errors and for using small letters for Proper Nouns]

Q7. Name the following. [6]

- Any two means of mass communication. (**newspaper, radio, television, social media, internet blogs**)
- Any two cities of India that have ports. (**Visakhapatnam and Kolkata**)
- The state which has the longest coastline in India. (**Gujrat**)
- A country which has Presidential form of government. (**India**)

[½ marks to be deducted for spelling mistakes and proper nouns and 1 mark for wrong answer]

SECTION B

Q8. Answer the following questions. [4x5=20]

a. What are the features of the Indian Constitution?

Ans. The features of the Indian Constitution are -

- * It is the longest written Constitution of the world.
- * it is a federal Constitution.
- * it is partly rigid and partly flexible.
- * it is a parliamentary form of government.

b. What is communication? What are the different modes of communication?

Ans. Communication is a process of using words, images, signs or gestures to express

or to exchange an idea or information to someone else.

The different modes of communication are - * verbal communication
* non-verbal communication.

c. What are the main features of the lines of latitude?

Ans. * The lines of latitude are equidistant from each other and each line forms a

complete circle.

* The equator is the longest line of latitude that passes through the centre of the Earth.

* They run parallel to each other so they are known as parallels of latitude.

* There are five important parallels of latitude.

d. How are Indian Railways important to us?

Ans. * Railways are one of the fastest means of transport to travel on land.

* They help us to carry goods over long distances.

* They carry passengers from one place to another.

* They link major and large cities.

e. Mention any four Fundamental Duties of the citizens of India.

Ans. The four Fundamental duties of the citizens of India are -

* To follow the constitution

* To protect the unity of our country

- * To spread love and accept everyone and live in peace.
- * To make our country cleaner, better and safer.

[½ marks will be deducted for spellings and 1 mark for writing incorrect statements]

Q9. Give reasons for the following. [2x4=8]

a. The wheel made human life faster and smoother.

Ans. * Wheel helped the early human to move heavy loads easily.

* It helped them to make pottery which was used for cooking and storing food.

b. Modern communication system helps in the field of education.

Ans. * Students can stay up to date with everything that is happening around the

world through internet.

* They can travel the world and look for opportunities to study abroad.

c. The people of Neolithic Age started growing food instead of gathering food.

Ans. * The people of Neolithic Age realised that the food that they gathered can

be grown near them and grains like rice and wheat can be stored for a long

period of time.

d. Big cities like Chennai, Kolkata etc have metro rails.

Ans. * Big cities have metro rails which are superfast trains.

* People from nearby small cities come to work to these big cities.

Therefore

they need to travel faster.

[½ marks to be deducted for spellings and answer can be written in own words]

Q10. Write a short note on any two of the following. [2x5=10]

a. Telegraphy –

- Electric telegraph was introduced in India in 1851.

- The function was to transmit and record messages over a wireless line through electrical signals.
 - This was the first technology that allowed people to send and receive messages.
 - This technology of communicating through such electrical messages was called telegraphy.
 - The message itself was called telegram.
- b. Water transport. –
- Water transport is the oldest and cheapest mode of transport.
 - Vehicles like boats, ships etc travel on water.
 - The ships that carry goods are known as cargo ships.
 - The place where people board the ships is known as port.
 - The motor boats that use engines move faster than the boats with sail.

c. Chalcolithic Age –

- This age extended roughly from 4000 BCE to 2000 BCE
- People of this age discovered metals.
- Copper was the first metal to be discovered.
- They learnt to mix copper and tin to make bronze.
- They used copper weapons like axes, knives etc which were better than stone tools.

[½ marks to be deducted for spelling errors and at least 5 points must be written for the chosen topic or one mark will be deducted for each point.]

_____X____X____X_____

मूल्यांकन हेतु दिशा निर्देश

1. निबंध में चार वर्तनियों की अशुद्धियों पर एक अंक काटा जाएगा। एक ही वर्तनी अशुद्धि के लिए बार-बार अंक काटने की आवश्यकता नहीं है।
2. पत्र लेखन में पत्र का प्रारूप सही और स्पष्ट होना चाहिए।
3. अपठित गद्यांश में प्रश्नों के उत्तर पूरे वाक्य में लिखना चाहिए। प्रत्येक वर्तनी की अशुद्धि पर आधा अंक काटा जाएगा।
4. रिक्त स्थान वाले प्रश्नों के उत्तर पूरे वाक्य में लिखना आवश्यक है। ऐसा न करने पर प्राप्त अंकों में से एक अंक काटा जाएगा।
5. वचन बदलो में पूरे वाक्य का वचन बदलना है। (संज्ञा और क्रिया दोनों)
6. शब्द वाले उत्तर में प्रत्येक अशुद्ध वर्तनी के लिए आधा अंक काटा जाएगा।

7.वर्तनी शुद्ध करो प्रश्न में वर्तनी गलत होने पर कोई अंक प्राप्त नहीं होगा।

1. निबंध लेखन (8)

क. समय का सदुपयोग

समय ईश्वर के समान. सदुपयोग क्या है. समय बीतने पर जागना निरर्थक. समय की उपेक्षा का कुपरिणाम. समय की पाबंदी. गांधी जी का उदाहरण. प्रकृति में समय के प्रति नियमितता. विद्यार्थी के लिए आवश्यकता आदि.

ख. वर्षा ऋतु

ऋतुओं की रानी. वर्षा काल (जून से सितंबर तक). वर्षा ऋतु के पूर्व ऋतु का अनुभव. वर्षा ऋतु का पर्यावरण पर प्रभाव. लाभ. हानि. किसानों के लिए हितकारी. जीवनदायिनी ऋतु. वर्षा ऋतु का महत्व. वर्षा ऋतु पर कविता की दो चार पंक्तियां आदि

ग. जब मैं घर पर अकेला था

अकेला रहने का कारण. दिन भर की क्रियाकलापें. अंधकार का अनुभव. कोई अप्रिय घटना. मन का वहम. साहस के साथ

सामना.भय से जीतना.परिवार का वापस लौटना.हर्ष एवं राहत का अनुभव आदि

2.पत्र-लेखन

अपना पता

1

दिनांक

1/2

संबोधन

1/2

अभिवादन

1/2

विषय -वस्तु

3

समापन

1

अपना नाम

1/2

3.क.नगर में सबसे बुजुर्ग व्यक्ति कौन है।

2

ख.मनोहर , दर्जी

2

ग.वे कुछ देर उसकी दुकान में विश्राम करना चाहते हैं। 2

घ.कैंची को ज़मीन पर और सूई को टोपी में रखता था। 2

ड. इनाम देकर उसे अपना खास सलाहकार बना दिया। 2

च.बड़े-बूढ़े , खरीददार/ खरीदने वाला ,आज़ा / इजाज़त 3

छ.व्यक्तिवाचक संज्ञा- सोहन सिंह/मनोहर	1
जातिवाचक संज्ञा- मंत्री/दर्जी/ दुकान/ राजा/ ग्राहक/ कैंची/ सूई	1
4.क.द्रव्यवाचक	1
ख.पुल्लिंग	1
ग.वचन	1
घ.तत्सम	1
5.तत्सम – सूर्य, कार्य	1/2 , 1/2
तद्भव – आग, दही	1/2 , 1/2
देशज- लोटा, पगड़ी	1/2 , 1/2
विदेशी- कागज़, मशीन	1/2 , 1/2
6.क.मित्रता	1
ख.बुनाई	1
ग.हरियाली	1
घ.बचपन	1

7.क.स्त्रीलिंग		1
ख.पुल्लिंग		1
ग.स्त्रीलिंग		1
घ.पुल्लिंग		1
8.क.कन्याएं गीत गा रही हैं।		1
ख.श्रोतागण तालियां बजा रहे हैं।		1
ग.किताबें खुली हुई थीं।		1
घ.मक्खियां भिनभिना रही हैं।		1
9. उद्देश्य	विधेय	
क.रमेश और दिनेश	क्रिकेट खेल रहे हैं	1
ख.मेरी बहन	बहुत सुंदर है	1
ग.कमल	तालाब में खिलता है	1
घ.यह कहानी	बहुत रोमांचक है	1
10.क.अश्व- घोड़ा, तुरंग, घोटक, वाजि, सैंधव, हय		2
कपड़ा- चीर, पट, वसन, वस्त्र, अंबर		2
किरण- अंशु, कर, ज्योति, मयूख, मरीचि, रश्मि		2

ख.उदय , निद्रा, शीत , मूक	1, 1, 1, 1
ग. अदृश्य	1
अजातशत्रु	1
अकथनीय	1
अगम्य	1
11क..क्रोध से देखना	1
अपना नुकसान स्वयं करना	1
बुरा हाल कर देना	1
गोद में बैठा लेना	1
ख.अर्थ-धन, मतलब, कारण, लिए	2
काल-मृत्यु, समय, यमराज	2
ग.ऋषि, श्रीमती, क्षमा, कृपया	1,1,1,1

उत्तर-पत्र

मूल्यांकन हेतु दिशा-निर्देश :

1. निम्न प्रश्नों के उत्तर पूरा वाक्य में लिखें—
क. प्रश्न-उत्तर
ख. रिक्त स्थान भरो
ग. वाक्यांश पूरे करो
घ. कविता की पंक्तियाँ पूरी करो
2. सही मिलान करो में दोनों भाग अवश्य लिखें। (प्रश्न-उत्तर)
3. वाक्य बनाओ – अपने शब्दों में होना चाहिए।
(पाठ के वाक्यों को कॉपी न करें)
4. प्रत्येक अशुद्ध वर्तनी (Spelling) के लिए $\frac{1}{2}$ अंक काटा जाएगा।।
(शब्द वाले उत्तर में)
5. प्रश्नोत्तर में चार अशुद्ध वर्तनी (Spelling) के लिए 1 अंक काटा जाएगा।

प्र.1 प्रश्नों के उत्तर लिखिए—

[3X6=18]

क. घर की चिड़िया उदास थी क्योंकि वह पिंजरे में बंद थी। वह कहीं आ-जा नहीं सकती थी और न ही अपने मन की बात किसी को बता सकती थी।

ख. लेखक की पत्नी ने खुश होकर लड़के को एक रुपया दिया। लड़का उस रुपये से पहले पेट भरकर पकौड़ी खाना चाहता है फिर अपनी माँ के लिए एक सूती कंबल लेना चाहता है।

ग. अनीमिया एक तरह की बीमारी है जो खून की कमी के कारण होती

है। खाने में लौह-तत्व की कमी तथा पेट में कीड़े हो जाने से भी यह रोग हो सकता है।

घ. बाघ अपने आकर्षक रंग, विचित्र आकृति, स्फूर्ति और अपार शक्ति के लिए प्रसिद्ध है। बाघ के इन्हीं गुणों के कारण उसे भारत का राष्ट्रीय पशु बनाया गया है।

ड. पानी पीते समय अनुराग का ध्यान कुँ के पत्थरों पर गया। जहाँ उसने पत्थरों पर बने गहरे निशानों को देखा।

च. मुद्रा चिह्न(₹) 15 जुलाई 2010 को बना जिससे आई. आई. टी. मुंबई के छात्र उदय कुमार ने डिजाइन किया है। यह भारत की आर्थिक शक्ति को दर्शाता है।

प्र.2 शब्दार्थ लिखिए—

[1X12=12]

आकृति	=	बनावट
सद्भावना	=	अच्छे हित की भावना
तिरस्कार	=	अपमान
कलनाद	=	खुशी की आवाज, शोर
कोशिश	=	प्रयास
अनुसंधान	=	खोज
बंधन	=	कैद
दिवस	=	दिन
अपेक्षा	=	आशा
परिणाम	=	नतीजा
बोध	=	समझ

अविचल = अचल, स्थिर

प्र.3 रिक्त स्थानों को पाठ के आधार पर भरिए— [2X5=10]

- क. मनुष्यों की भीड़ से जाड़े की संध्या भी वहाँ गरम हो रही थी।
ख. राष्ट्रीय प्रतीक बताता है कि हम देश की शांति और सद्भावना के लिए वचनबद्ध हैं।
ग. हड्डियों के बीच के भाग मज्जा में ऐसे बहुत से कारखाने होते हैं।
घ. अनुराग के माता-पिता बेटे की मंदबुद्धि के कारण निराश और चितित रहते थे।
ड. श्रीमती जी की वाणी में माँ की सी मिठास थी।

प्र.4 वाक्यांशो को पूरा कीजिए— [2X5=10]

- क. बिंबाणुओं का काम है चोट लगने पर रक्त जमाव क्रिया में मदद करना।
ख. बालक को आवश्यकता ने कितना शीघ्र चतुर बना दिया यही तो संसार है।
ग. सफेद पट्टी पर बने नीले चक्र में बनी तीलियों को प्रगति का सूचक माना जाता है।
घ. लगन और मेहनत से असंभव काम भी संभव हो जाता है।
ड. मनुष्य के शरीर में एक शक्तिशाली पंप है जो शरीर के सभी अंगों में रक्त पहुँचाता है।

प्र.5 कविता की पंक्तियाँ पूरी कीजिए — [2X5=10]

- क. घर की चिड़िया थी पिंजरे में
वन की चिड़िया वन में।

मिली अचानक एक दिवस वे
थी कुछ विधि के मन में।

ख. बोली पिंजरे की चिड़िया तब
“सुन री चिड़िया वन की,
तू भी आ, बस जा पिंजरे में
बात करें दो मन की।”

रबींद्रनाथ ठाकुर

प्र.6 किसने किससे कहा—

[2X4=8]

क. राजन ने शैली से कहा।

ख. लेखक ने लड़के / छोटे जादूगर से कहा।

ग. लड़के ने लेखक से कहा।

घ. स्त्री ने अनुराग से कहा।

प्र.7 सही मिलान कीजिए—

[1X5=5]

क. खून का तरल भाग — प्लाजमा (प्लाज्मा)

ख. लाल रक्त कण — हीमोग्लोबिन

ग. राष्ट्रगान — जन-गण-मन

घ. राष्ट्रीय प्रतीक — अशोक स्तंभ

ड. राष्ट्रीय गीत — वंदेमातरम्

प्र.8 वाक्यांशों के लिए एक शब्द लिखिए—

[1X4=4]

क. मनमोहक

ख. उत्सुकता

ग. मंदबुद्धि

घ. आकर्षित

प्र.9 वाक्य बनाओ (अपने शब्दों में वाक्य बनाओ)

[1X3=3]

— XXX —