CLASS – VI

SUBJECT – SCIENCE

Max Marks -80

TIME – 2: 30 Hrs.

Note – All questions are compulsory

There are four sections.

Section A: 10 questions of 1 Mark each.

Section B: 10 questions of 2 Mark each.

Section C: 10 questions of 3 Mark each.

Section D: 4 questions of 5 Mark each.

SECTION – A

(1x10)

I **Complete the Following –**

1. A Combination of bones and cartilages forms the _____ of the body.
2. Changes in our surroundings that make us responds to them, are called _____.
3. Motion of wheel of a bicycle is _____.
4. A piece of red hot iron is a _____ object.
5. A device that is used to break or complete an electric circuit is called _____.
6. Similar poles of a magnet always _____ each other.
7. No. rainfall for a year or more may lead to _____ in that region.
8. The component of air used by green plants to make their food is _____.
9. _____ animal use dissolved air in water for respiration.
10. _____ is an area where the garbage collected from a city is dumped.

SECTION – B

II **Answer the following in short -**

(2x10)

1. What is a ball and socket Joint?
2. Write two properties of magnets.
3. When does a drought occur?
4. Why does a lump of cotton wool shrink in water?
5. Explain, why speed is important for survival, in the grasslands for animals that live there.
6. Explain, the term vermicomposting.
7. If you and your friends are given the choice of eating in a plastic plate or a banana leaf platter at a party, which one would you prefer and why?
8. Give the different between a conductor and an insulator. Give example.
9. Classify the objects as opaque, transparent, translucent.
   (a) A sheet of plane glass
   (b) A sheet of cardboard
   (c) A sheet of butter paper
   (d) A sheet of cellophane

10. While measuring the length of a knitting needle, the reading of the scale at one end in 3.0 cm and at other and is 38.5cm .What is the length of the needle?

SECTION – C

(3x10)

III   Answer the following in details.

1. What are joints? Write the names of various types of joints.
2. How is cactus adapted to survive in a desert?
3. Why should an electrician use rubber gloves while repairing an electric switch at your home. Explain?
4. How are clouds formed?
5. Do you think, it is better to use compost instead of chemical fertilizers .Why?
6. A bar magnet has no markings to indicate its poles .How would you find out near which end is its north pole located?
7. Write the similarities and differences between the motion of a bicycle and a ceiling fan that has been switched on.
8. Give the difference between a shadow and an image of an object.
9. State for each of the following whether it is due to **evaporation** or **condensation.**
    (a)   Water drops appear on the outer surface of a glass containing cold water.
    (b)   Steam rising from wet clothes while they are ironed.
    (c)   Fog appearing on the cold winter morning
    (d)   Black board dries up after wiping.
    (e)   Dew drops on leaves of grass in winter mornings.
    (f)   Steam rising from a hot girdle when water is sprinkled on it.
10.   What is the composition of air?

SECTION – D

(5x4)

IV   Answer the following questions.

1. Draw a well labeled diagram to show the water cycle in our atmosphere.
2. Draw different shapes of the magnet
3. List five activities that are possible due to the presence of air.
4. Draw a simple circuit diagram showing the glowing of the bulb.

Promotion Examination - 2019
Computer Science
Class – VI

Time: - 2½ Hours

MM: 80

(10 marks)

Q1. Give one word for

1. The shape outline option appears in the group_____.
2. A feature of Ms Word that allows you to insert predesigned shapes from a palette_____.
3. Smallest unit of a worksheet formed by the intersection of a row and a column_____.
4. A program that works with numbers, text, formulae, functions and charts_____.
5. The address or location of a document on the internet _____.
6. The first page of the website of any organisation or individual_____.
7. The index of keywords is continually added by special program called _____.
8. A program for transferring messages from one computer to another _____.
9. Give the full form of ISP _____.
10. The number of the last row in Excel is _____.

(5 marks)

Q2. Give the shortcut keys for the following: -

1. Move one window screen up _____.
2. Move to column A in the given row _____.
3. To save any document _____.
4. To cancel an entry in excel _____.
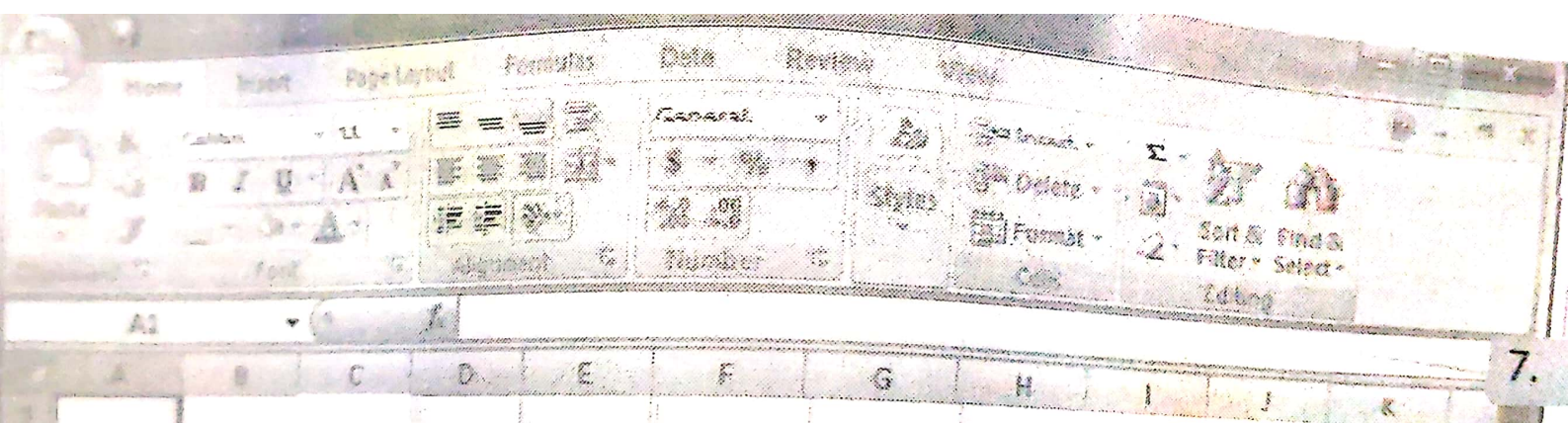5. To print a Document _____.

(2X10=20)

Q3. Answer the following Questions:

1. When would you use the Bcc option while sending an email? How is it different from the Cc.option?
2. What do you type in the subject box?
3. Give any two advantages of the internet.
4. What are the two types of modems?
5. Name any two popular search engines?
6. How will rename a worksheet named Sheet1 to EmpDetail?
7. How will you enter multiple lines in a single cell?
8. What is the address of the cell at the intersection of the 10th row and 7th column?
9. What is word art?
10. How many types of data can be entered in a Ms Excel worksheet, name them?

(5X5=25)

Q4.Explain briefly:

1. Write the steps to insert a picture from a file.
2. What is a website? Why is it known as a virtual space?
3. Write a short note on search engine.
4. Write any three features of a basic email program.
5. Give advantages of e-mail over an ordinary post. Explain any two?

7.

GB   GB

खण्ड–'अ'

प्र.1 निम्नलिखित गद्यांश को पढ़कर नीचे दिए गए प्रश्नों के उत्तरों के लिए सही विकल्प चुनिए–5

जल हमारे लिए अत्यंत उपयोगी है। इसके बिना हम जीवित नहीं रह सकते। हम जल का उपयोग पीने, नहाने–धोने, खाना पकाने, सफ़ाई करने, सिंचाई करने आदि कार्यों में करते हैं। पशुओं और पौधों को भी जल की आवश्यकता होती है। जल के बिना जीवन संभव नहीं है। हम विभिन्न स्रोतों से जल प्राप्त करते हैं। जल का मुख्य स्रोत वर्षा है। वर्षा का कुछ जल नदियों व तालाबों में जाता है और कुछ ज़मीन में चला जाता है। शीत ऋतु में पहाड़ों पर बर्फ़ पड़ती है। यही बर्फ़ ग्रीष्म ऋतु में पिघलकर जल के रूप में नदियों में बहती है। ज़मीन भी जल का स्रोत है। कुछ स्थानों पर जल झरने के रूप में बाहर निकलकर आता है। जमीन से जल प्राप्त करने के लिए कुएँ खोदे जाते हैं , अथवा ट्यूबवैल लगाए जाते हैं।

1 पानी किसके लिए अनिवार्य नहीं है ?

(क) मनुष्य   (ख) पौधा   (ग) पशु   (घ) धातु

2 पानी का मुख्य स्रोत क्या है ?

(क) सागर   (ख) वर्षा   (ग) नदी   (घ) झरना

3 ग्रीष्म ऋतु में नदियों में पानी कहाँ से आता है ?

(क) पहाड़ों से   (ख) वर्षा से   (ग) झरनों से   (घ) सहायक नदियों से

4 'शीत' का सही विलोम शब्द है–

(क) उष्ण   (ख) गरम   (ग) ज्वलनशील   (घ) ताप

5 'पानी' शब्द का सही पर्यायवाची शब्द है –

(क) पंकज   (ख) जलज   (ग) तोय   (घ) हिम

प्र.2 बड़े भाई के विवाह पर अवकाश के लिए प्रधानाचार्य को प्रार्थना–पत्र लिखिए।   5

प्र.3 किसी एक विषय पर निबंध लिखिए –   5

(1) गणतंत्र दिवस   (2) दशहरा

प्र.4 निर्देशानुसार हल कीजिए –

1 मुख   –   (दो पर्यायवाची लिखिए)

2 सुधा   –   (दो अनेकार्थक शब्द लिखिए)

3   लाखों करोड़ों वर्ष पहले हमारी धरती बहुत .... थी ।

4   माँ परियों की कहानी सुनाती है और रात में .... दिखाती है।

Q5   5   पैदल चलने से   शारिरिक .... होता है ।

प्र.9   सही वाक्यों में सही (√) और गलत वाक्यों में (x) का निशान लगाइए –

1   लोकगीत और   शास्त्रीय संगीत दोनों एक समान हैं ।   ( )

2   बाँस देश के दक्षिणी राज्यों में पाया जाता है ।   ( )

3   अक्षरों के साथ पुराने युग की शुरूआत हुई ।   ( )

4   वन का मार्ग रेतीला और काँटों भरा था ।   ( )

5   हेलेन की मित्र किसी जंगल में घूमने गई थी।   ( )

प्र.10   लघुउत्तरीय प्रश्न–

1   लाखों करोड़ों वर्ष पहले हमारी धरती कैसी थी ?

2   कविता में 'ऐसी बड़ी न होऊँ मैं' क्यों कहा गया है ?

3   राम ने थकी हुई सीता की क्या सहायता की ?

4   कविता में काली घटा घिरने की बात क्यों कही गई है ?

प्र.11   दीर्घ उत्तरीय प्रश्न –

1   अक्षरों की खोज का सिलसिला कब और कैसे शुरू हुआ ?

2   हेलेन केलर प्रकृति की किन चीजों को छूकर और सुनकर पहचान लेती थी ?

3   निबंध में लोकगीतों के किन पक्षों पर चर्चा की गई है तीन बिंदुओं में उत्तर दीजिए।

4   लंदन में भोज पर बुलाए जाने पर गांधी जी ने क्या किया ?

Q1.   Answer the following in one sentence :-   20 Marks

1. Ashoka gave up the policy of conquest through war and began to follow a policy of conquest through what?
2. Where did Ashoka sent his son Mahendra and daughter Sanghamitra to spread Buddhism?
3. Who was the most powerful Chola ruler?
4. What was the title given to Chandragupta I?
5. What are the forces which originate from within the earth called?
6. The Great Indian desert is located in which state?
7. Name the source of river Ganga.
8. USA, Brazil and Malaysia have which form of government?
9. What are the people who help others to cross the river called?
10. Fishermen go through a difficult time during which season?

Q2.   Give short answers :-   30 Marks

1. Why did Chhaggan come to the city?
2. Why do the farmers become landless?
3. Why are written constitution rigid?
4. What do the Indika and Arthashastra tell us about the Mauryas?
5. What is a prashasti?
6. What is the standard meridian of india?
7. Write about the islands of India.
8. What is a constitution?List the different types of constitution.
9. Apart from farming what are the other sources of income in rural areas?
10. What are the cheras also known as? Write about Neduncheraladan.

Q3.   Answer the following in detail :-   12 Marks

1. How can loan taken by a farmer lead him to losing his land?
2. Why was the kalinga war a turning point in the life of Ashoka?
3. Distinguish between erosion and deposition.

Q4.   Draw a well labelled diagram for the following:-   10 Marks

1. Formation of block mountain
2. Formation of a volcanic mountain.

Q5.   On the map of India given mark and label the following :-   8 Marks

1. Indira point
2. New Delhi
3. Bay of Bengal
4. Chandigarh
5. Rajasthan
6. Chattisgarh
7. Lakshadweep
8. Hyderabad

YOUVA

INDIA
Political

Scale 0 _____ 150 kms

68° 72° 76° 80° 84° 88° 92° 96°

36° 36°

32° 32°

28° 28°

24° 24°

20° 20°

16° 16°

12° 12°

8°

N

72° 76° 80° 84° 88° 92°

ANNUAL PROMOTION EXAMINATION — 2019
CLASS — VI
ENGLISH

Time:-2.30 Hrs.

Max.Marks-80

General instructions: -

1. Attempt all the questions in order.
2. The question paper consists of four sections:
   Section (A) - Reading Skills (20 Marks)
   Section (B) - Writing Skills (20 Marks)
   Section (C) - Grammar (20 Marks)
   Section (D) - Literature (20 Marks)

Section -A
READING SKILLS

(20 MARKS)

(6 Marks)

Q.1. Read the following poem carefully:-

Loveliest of Trees

Loveliest, of trees, the cherry now
Is hung with bloom along the bough,
And stands about the woodland ride
Wearing white for Eastertide.
Now of my three score years and ten,
Twenty will not come again,
And take from seventy springs a score,
It only leaves me fifty more.
And since to look at things in bloom
Fifty springs are little room,
About the woodlands I will go
To see the cherry hung with snow. *A E. Housman*

Q.2 Below you can see a page from the poet's diary which summarises the ideas in the poem. Fill in each blank with one word only.

A full bloom cherry tree is most 1._____ sight. Its white flowers hang along the 2._____. It stands about in the 3._____. I am 4._____ year now. And if I live for seventy years, I have_____ years more to go. Thus I have only fifty more chances to see the cherry in 5._____. I therefore want to spend as much time as possible in the woodlands where I can see the 6._____ hung with snow.

(7Marks)

Q.3 Read the following passage carefully.

Importance/Value of trees

For thousands of years, trees have provided people with foods, fibres, and medicines. Above all, they have provided people the first boat, and the first wheel. Throughout history, people have used wood to make tools, construct buildings, and create works of art. They have also used it for fuel. Living trees are as valuable to humankind as are tree products because they help conserve natural resources.

Trees help conserve soil and water. In open country, trees act as wind breaks and keep the wind from blowing away top soil. Their roots prevent soil from being washed away by heavy rains. Tree roots also help store water in the ground. In mountain regions, forests prevent sliding snow from causing avalanches. Forests also provide shelter for wildlife and recreation areas for vacationists.

On the basis of your reading of the passage answer the following questions as briefly as possible

(a) How has mankind benefited from living trees ?

(b) Give two tree products and write their uses.

(c) Fill in the blanks.
1. Trees help to conserve _____
2. In open country trees act as _____
3. Forests give shelters _____
4. Tree roots help to store _____
5. _____ prevent sliding snow from causing avalanches.

Q.3 Read the given passage carefully: (7Marks)

Over-eating is one of the most wasteful practices among those who think that they can afford it. In fact, nearly all those who can get what they desire, over-eat to their disadvantage. This class of people could save a great deal more food than they can save by missing one long meal per week and at the same time do much to improve their health. A heavy meal at night is the fashion with many and often it is taken shortly, before retiring. It is largely a waste and could be for gone, not only once a week, but daily without loss of strength. Three to five hours are needed to digest food. While sleeping, this food not being required to give energy for work, is in many cases, converted into excess fat, giving rise to over-weight and obesity. The evening meal should be a light repast taken three to four hours before retiring. This plan prevents over-eating, conserves energy, and reduces food cost. Millions of people following such a plan would save a great deal more food and at the same time improve their health.

On the basis of your reading of the passage, complete the following statements:

1. Over-eating is _____
2. The excess food converts into _____
3. The evening meal should be taken _____
4. Light meal should be taken _____
5. The word 'retiring' means _____
6. A heavy meal at night is the _____ of many people.
7. Millions of people following a good eating plan can improve their _____

Section – B
Writing Skills – (20 marks)

Q.1 Write a short essay. (any one)   (7 Marks)
(a) My best friend
(b) Value of games.

Q.2 Write an email to thank your aunt who lives in Mumbai. She has sent you a birthday present by post. **(6 Marks)**

Q.3 Write an application to the Principal of your school to allow you to change your section. **(7Marks)**

Section – C
Grammar – (20 marks)

Q.1 Rearrange the words to make sentences. **(2 Marks)**
(1) do well/because you have/in the quiz/you will/worked very hard
(2) ill/Nita is well/brother is/but her.

Q.2 Fill in the blanks with a, an or the. **(2 Marks)**
(1) Oliver Twist was _____little boy, who lived in ___orphanage.
(2) I visited _____Qutub Minar and _____ Red Fort when I went to Delhi.

Q.3 Rewrite these sentences using the pairs of adverbs in the correct positions. **(2 Marks)**

(1) The children enjoyed themselves at the beach (thoroughly, today)
(2) We enjoyed the picnic, but it was noisy. (a lot, very)

Q.4 Fill in the blanks with the correct forms of the verbs given in the boxes. **(3 Marks)**
(1) I _____my home work. Now can I go out and play? (do)
(2) Maria _____ her lost book. She is very happy. (find)
(3) I have never _____pancakes. I heard they are delicious.(eat)

Q.5 Fill in the blanks to change the voice. **(3 Marks)**
(1) Switch off your mobile phone.
   Your mobile phone _____off.
(2) Do not pluck flowers.
   Flowers _____
(3) Proper queues should be maintained on the platform
   _____on the platform.

Q.6 Fill in the blanks with suitable prepositions. **(4 Marks)**
(1) Reema kept her clothes _____ a big wooden cupboard.
(2) Monica will go _____Amritsar in October.
(3) It is getting hot. Let's go _____ the house.
(4) Can you see a peacock _____ the trees?

Q.7 Form verbs from these nouns. **(4 Marks)**
(1) departure
(2) invitation
(3) visitor
(4) Writing

Section – D
Literature – (20 marks)

Q.1 Give the meaning of. **(4 Marks)**
(1) verdict
(2) stile
(3) gaiety
(4) queer

Q.2 Read the sentences and answer the questions. **(4 Marks)**
(1) 'Which sayeth softly: "Here dwell in safety, Here dwell alone....."
(a) Who sayeth softly?
(b) What can be found 'here'?
(c) What can be heard 'here'?
(2) "Whom do you appoint as panch, Jumman Sheikh? Let that be settled once the panchayat has spoken, you must abide by its decision".
(a) Who said this? Who was finally appointed as sarpanch, and by whom?

Q.3 Answer the following questions. **(8 Marks)**
(1) With what advice did David's aunt send him off on his trip?
(2) Why had the ravine become a little haven for wildlife?
(3) Why was Matilda unhappy despite being pretty and charming?
(4) What according to Clovis was wrong with Sturridge?

Q.4 Answer the following in about 40 words. **(4 Marks)**
(1) Describe Gandhiji, as the boys saw him.
OR
(2) What ideas influenced David's boyish mind to make him leave school without much regret?

(4 Marks)

(4 Marks)

chayat has

Marks)

gret?

Marks)

FINAL EXAMINATION 2018-19

SANSKRIT

CLASS – VI   M.M-80

Time-: 3 Hrs

5

प्र.1 शब्दार्थ लिखिए –

1   कृषकः

2   पत्राणि–

3   तस्य –

4   मीनाः –

5   गम् –

5

प्र.2 रेखांकित पदों को बहुवचन में लिखिए –

1   <u>वृक्षस्य</u> पुष्पाणि सुन्दराणि सन्ति

2   <u>महिलायाः</u> वस्त्राणि पश्य।

3   <u>कोकिलायाः</u> कूजनं मधुरं भवति।

4   <u>बालकस्य</u> पुस्तकानि नवीनानि सन्ति।

5   <u>सिंहस्य</u> गर्जनेन जनाः पलायन्ते।

5

प्र.3 मञ्जूषा से पदों को चुनकर रिक्त स्थानों को पूर्ण कीजिए ।

(तडागे , नगरेषु , कमलेषु , परोपकराय , भिक्षुकाय)

1   .... जनाः भ्रमन्ति।

2   .... भ्रमराः सन्ति।

3   .... मीनाः तरन्ति।

4   सः .... धनं यच्छति।

5   नद्यः .... वहन्ति।

प्र.4 नीचे लिखे प्रश्नों के उत्तर संस्कृत में भाषा में लिखिए ।

5

1   कस्मात् विना विद्या न भवति ?

2   कृषकाः कृतः आगच्छन्ति ?

3   हंसस्य वर्णः कीदृशः भवति ?

4   रामस्य पत्नी का अस्ति ?

5   तस्य माता किं करोति ?

प्र.5   कोष्ठक से उचित शब्द रूप को चुनकर रिक्त स्थानों को पूर्ण कीजिए ।   5

1   जनाः .... उद्यानं गच्छति।   (भ्रमणेन , भ्रमणाय , भ्रमणात्)

2   छात्रः .... पुस्तालयं गच्छति।   (पुस्तकाय , पुस्तकात् , पुस्तकेन)

3   माता .... दुग्धं यच्छति।   (पुत्रम् , पुत्रेण , पुत्राय)

4   .... नमः।   (अध्यापकेभ्यः , अध्यापकान् , अध्यापकानाम्)

5   सूर्यः .... भवति।   (प्रकाशेन , प्रकाशाय , प्रकाशस्य)

प्र.6   दी गई संख्याओं को संस्कृत में लिखिए –   5

1   ग्यारह   –

2   नौ   –

3   सोलह   –

4   नवदश   –

5   सत्रह   –

प्र.7   रिक्त स्थानों की पूर्ति कीजिए –   5

	एकवचनम्	द्विवचनम्	बहुवचनम्
1	पुस्तकात्	पुस्तकाभ्याम्	....
2	बालकम्	....	बालकान्
3	रमायाः	....	रमाणाम्
4	लता	....	लताः
5	फलस्य	फलयोः	....

प्र.8   नीचे दिए गए अव्ययों के अर्थ लिखिए ।   5

1   यथा   –

2   च   –

3   सह   –

4   अद्य   –

5   अतः   –

प्र.9 रिक्त स्थानों की पूर्ति कीजिए।

एकवचनम्	द्विवचनम्	बहुवचनम्
1 पठति	....	पठन्ति
2	रक्षथः	रक्षथ
3	भवतः	भवन्ति
4 गच्छामि	गच्छावः	....
5 पिबसि	....	पिबथ

प्र.10 नीचे दिए गए वाक्यों के अनुवाद हिंदी में लिखिए ।

1 त्वं देवालयं गच्छसि।

2 नद्यः परोपकाराय वहन्ति।

3 अहं ईश्वरं नमामि।

4 वृक्षात् फलानि पतन्ति।

5 हंसस्य वर्णः श्वेतः भवति।

प्र.11 कोष्ठक से उचित कर्मपद चुनकर रिक्त स्थानों को पूर्ण करें।

1 माता .... पचति ।   (भोजनम् , उद्यानम्)

2 बालकः .... पिबति ।   (जलम् , गुरूम्)

3 भक्ताः .... गच्छन्ति ।   (पाठम् , देवालयम्)

4 महिलाः .... गच्छन्ति ।   (उद्यानम् , वृक्षम्)

5 अध्यापकः .... पाठयति।   (कन्दुकम् , पाठम्)

प्र.12 नीचे लिखे प्रश्नों के उत्तर एक पद में लिखिए ।

1 वृद्धाः कुत्र भ्रमन्ति ?

2 बालिकाः किं लिखन्ति ?

3 छात्राः केन लिखन्ति ?

4 नराः कास्यां चलन्ति ?

5 अश्वाः कैः चलन्ति ?

प्र.13 कोष्ठक में से उचित कर्ता पद चुनकर रिक्त स्थानों को पूर्ण कीजिए।

1 .... पठति।   (छात्रः , छात्रौ)

2 .... हसतः ।   (बालकौ , बालकः)

3 .... नमन्ति।   (सः, ते)

4 .... नृत्यामः ।   (अहम् , वयम्)

5 .... गृहं गच्छसि।   (अहम् , त्वम्)

5

प्र.14 रेखांकित पदों को शुद्ध कर लिखिए ।

1 अहम् ईश्वरं भजामः ।

2 वयं नृत्यामि।

3 अहं रोटिकां पचति।

4 आवां स्नानं करोति।

5 वयं संस्कृतं पठामि।

5

प्र.15 निम्नलिखित पदों के विभक्ति और वचन लिखिए ।

		विभक्तिः	वचनम्
1	नदीनाम्	....	....
2	बालकयो	....	....
3	विद्यालयात्	....	....
4	लतानाम्	....	....
5	युष्माकम्	....	....

5

प्र.16 उचित मिलान कीजिए ।

1 वयं देश

2 अहं विद्यालयं   गच्छामि

3 अहं ईश्वरं   रक्षामः

4 छात्राः   लिखन्ति

5 रामः   पठति

                     नमामि

5

Promotion Examination - 2019

Class – VI

Subject- Mathematics

Time: 2.30

M.M.:80

General Instructions:-

1. All questions are compulsory.
2. Graph Sheet is provided for Q. No. 29
3. Answer the questions in serial order as far as possible.

Section-A [1x5 = 5 marks]

Q.1 Choose the correct option for:

$9 + (-6)$

(a) 2   (b) -2   (c) 3   (d) 4

Q.2 Fill in the missing fraction:

$$\square + \frac{5}{27} = \frac{12}{27}$$

Q.3 Decimal of seven-tenth is:

(a) 0.07   (b) 0.007   (c) 0.7   (d) 7.0

Q.4 The area of a square whose side is 8 cm:

(a) 32 sq.cm.   (b) 48 sq.cm.   (c) 56 sq.cm.   (d) 64 sq.cm.

Q.5 Give the correct expression of: 11 subtracted from 7 m

(a) 11-7m   (b) 7m-11   (c) $\frac{11}{7m}$ (d) 7m+11

Section-B [2x10 = 20 marks]

Q.6 Find: $(-32) - (-40)$

Q.7 Reduce the fraction into simplest form

$$\frac{150}{60}$$

Q.8 What fraction of an hour is 40 minutes?

Q.9 Write the following as decimal:

$$70 + \frac{8}{100}$$

Q.10   Draw a circle of radius 2.5 cm.

Q.11   There are 20 girls and 16 boys in a class, what is the ratio of number of girls to the number of boys?

Q.12   The length of a rectangular hall is 4 meters less than 3 times the breadth of the hall. What is the length, if the breadth is b meters?

Q.13   Find the perimeter of regular pentagon with each side measuring 8 cm.

Q.14   Write four negative integers greater than -10.

Q.15   Find the sum of 0.75+10.425+2+3.03

Section-C [3x10 = 30 marks]

Q.16   Use number line and add the following integers

$(-1)+(-2)+(-3)$

Q.17   Find the sum:

$(-7)+(-8)+17+18$

Q.18   A piece of ribbon $\frac{7}{8}$ meter long is cut into two piece of ribbon, one piece was $\frac{1}{4}$ meter long. How long is the other piece?

Q.19   The weight of 72 books is 9 kg. What is the weight of 48 such books?

Q.20   Draw a circle with centre C and radius 3.4 cm. Draw any chord $\overline{AB}$. Construct the perpendicular bisector of $\overline{AB}$ and examine if it passes through C.

Q.21   The following are the number of electric bulb purchased for a lodging house during the first five months.

Months	No. of bulbs
January	20
February	26
March	30
April	35
May	15

Prepare a pictograph one symbol 🔔 represent 5 bulbs.

Q.22   Find the length of the chord needed to wrap a wooden square frame of side 7 cm twice.

Q.23   Draw an angle of 146° and construct its bisector?

Q.24   Two sides of a triangle are 11 cm and 15 cm. The perimeter of the triangle is 42 cm. What is its third side?

Q.25   Divide ₹ 105 in the ratio 3:2 between Aman and Aakarsh ?

Section-D [5x5 = 25]

Q.26   Draw an angle of 60° using a ruler and compasses and draw a line of symmetry.
(write the steps of construction)

Q.27   What is the cost of tiling a rectangular plot of land 500 meter long and 200 meter
wide at the rate of ₹ 9 per hundred sq. m.?

Q.28   Complete the table and by inspection find the solution to the equation 5s = 35?

s	3	4	5	6	7	8
5s	—	—	—	—	—	—

Q.29   Following table shows the number of motor bike manufactured in a factory during
the year 2000 to 2004 (choose scale of your choice). Draw a bar graph?

YEAR	NO. OF MOTOR BIKES MANUFACTURED
2000	800
2001	600
2002	900
2003	1100
2004	1200

(A) In which year were the maximum number of motor bikes manufactured?
(B) In which year were the minimum number of motor bikes manufactured?

Q.30   Cost of 5 kg wheat is ₹ 30.50

(A) What will be the cost of 8 kg wheat?
(B) What quantity of wheat can be purchased in ₹ 61?