

परीक्षार्थिनः नाम -.....कक्षा/वर्गः .....अनुक्रमाङ्कः .....

परीक्षकस्य हस्ताक्षरम् .....

वीक्षकस्य हस्ताक्षरम् .....

सामान्यनिर्देशाः : (i) सर्वे प्रश्नाः अनिवार्याः सन्ति।

(ii) प्रश्नोत्तराणि संस्कृतेन एव लेखनीयानि।

1. गद्यांशं पठित्वा प्रदत्तप्रश्नान् उत्तरत-

(1x4=4)

पूर्वदिशायाम् उदेति सूर्यः पश्चिमदिशायां च अस्तं गच्छति इति दृश्यते हि लोके। परं न अनेन अवबोध्यम् अस्ति यत्सूर्यो गतिशील इति। सूर्यः अचलः पृथिवी च चला या स्वकीये अक्षे घूर्णति इति साम्प्रतं सुस्थापितः सिद्धान्तः सिद्धान्तोऽयं प्राथम्येन येन प्रवर्तितः स आसीत् महान् गणितज्ञः ज्योतिर्विच्च आर्यभटः।

• पूर्णवाक्येन उत्तरत -

- (i) महान् गणितज्ञः ज्योतिर्विच्च कः? .....
- (ii) कस्यां दिशायां सूर्यः उदेति? .....
- (iii) कः अचलः अस्ति? .....
- (iv) पृथिवी कुत्र घूर्णति? .....

2. मञ्जूषापदसहायतया प्रश्नानाम् उत्तराणि पूर्णवाक्येन लिखत-

(1x4=4)

सावित्रीबाईफुले, प्लास्टिकस्यूतकानि, गृहे, प्लास्टिकम्

- (i) उपवनस्य द्वारे कानि क्षिप्तानि सन्ति? .....
- (ii) मृत्तिकायां किं वस्तु न कदापि विनश्यति? .....
- (iii) महाराष्ट्रस्य प्रथमा महिला शिक्षिका का आसीत्? .....
- (iv) बालः कुत्र विलपिष्यति? .....

3. विशेषणैः सह विशेष्याणि योजयत-

(½x5=2½)

- (i) कियत् - कूपः .....
- (ii) गभीरः - वसनम् .....
- (iii) स्थूलः - नूपुररवान् .....
- (iv) आर्द्रम् - कालम् .....
- (v) इमान् - विडालः .....

4. विलोमपदानि योजयत-

(½x5=2½)

- (i) उपरि - सार्वजनिकम् .....
- (ii) आदानम् - अवरोहः .....
- (iii) परकीयम् - अधः .....
- (iv) व्यक्तिगतम् - प्रदानम् .....
- (v) आरोहः - स्वकीयम् .....

5. मञ्जूषातः पदानि चित्वा रिक्तस्थानानि पूरयत-

(1x4=4)

नौकाम् / पृथिवी / चला / अस्तं

- (i) सूर्यः पूर्वदिशायाम् उदेति पश्चिमदिशि च ..... गच्छति।
- (ii) सूर्यः अचलः पृथिवी च .....।
- (iii) ..... स्वकीये अक्षे घूर्णति।
- (iv) नौकायाम् उपविष्टः मानवः ..... स्थिरामनुभवति।

6. धातुं प्रत्ययं च योजयित्वा लिखत-

(½x4=2)

- |                   |       |
|-------------------|-------|
| (i) चल + क्तवतु   | _____ |
| (ii) हस + क्तवतु  | _____ |
| (iii) लभ् + शानच् | _____ |
| (iv) सेव् + शानच् | _____ |

7. मञ्जूषातः पदानि चित्वा अङ्कानां समक्षं लिखत-

(½x6=3)

पञ्चनवतिः, एकषष्टिः, षोडश, पञ्चचत्वारिंशत्, त्रिंशत्, पञ्चाशीतिः

- |          |       |         |       |
|----------|-------|---------|-------|
| (i) 16   | _____ | (iv) 61 | _____ |
| (ii) 30  | _____ | (v) 85  | _____ |
| (iii) 45 | _____ | (vi) 95 | _____ |

8. कोष्ठकात् चित्वा उचितपदैः रिक्तस्थानानि पूरयत-

(1x4=4)

- |                                      |                      |
|--------------------------------------|----------------------|
| (i) _____ विना जीवनं न अस्ति।        | (जलम् / जलस्य)       |
| (ii) _____ सह सीता अपि वनम् अगच्छत्। | (रामाय / रामेण)      |
| (iii) _____ बहिः देवालयः अस्ति।      | (गृहात् / गृहे)      |
| (iv) _____ अधः छात्राः क्रीडन्ति।    | (वृक्षस्य / वृक्षाय) |

9. उचित-अव्ययपदैः रिक्तस्थानानि पूरयत-

(1x4=4)

उच्चैः, मा, प्रातः, अहर्निशं

- |                                    |
|------------------------------------|
| (i) असत्यं _____ वद।               |
| (ii) _____ सूर्यः उदेति।           |
| (iii) सैनिकाः _____ देशं रक्षन्ति। |
| (iv) वने सिंहः _____ गर्जति।       |

10. उचितधातुरूपैः रिक्तस्थानानि पूरयत-

(½x10=5)

	एकवचनम्	द्विवचनम्	बहुवचनम्
प्रथमपुरुषः	पठेत्	_____	_____
मध्यमपुरुषः	_____	लिखेतम्	लिखेत
उत्तमपुरुषः	_____	_____	चलेम
प्रथमपुरुषः	सेवते	_____	सेवन्ते
मध्यमपुरुषः	कथयसि	कथयथः	_____
उत्तमपुरुषः	_____	चिन्तयिष्यावः	चिन्तयिष्यामः
प्रथमपुरुषः	तिष्ठतु	_____	_____

11. उचितशब्दरूपैः रिक्तस्थानानि पूरयत-

(½x10=5)

	एकवचनम्	द्विवचनम्	बहुवचनम्
प्रथमा	राजा	_____	राजानः
द्वितीया	जगत्	जगती	_____
तृतीया	साधुना	_____	साधुभिः
चतुर्थी	मुनये	_____	मुनिभ्यः
पञ्चमी	लतायाः	लताभ्याम्	_____
षष्ठी	_____	लतयोः	_____
सप्तमी	रामे	_____	रामेषु
सम्बोधनम्	_____	हे रामौ !	_____



**DELHI PUBLIC SCHOOL, BHILAI (C.G.)**

**DATE : 23-02-2018**

**ANNUAL EXAMINATION, 2018**

**Time: 3Hours**

**CLASS : VIII**

**ENGLISH**

**M.M. :80**

**General Instructions :**

- Attempt all the questions in each section before going to the next section, in the same order.
- All the answers must be correctly numbered and written neatly.
- Do not copy the questions.
- For multiple choice questions, option numbers should be clearly specified along with the answers.
- The paper consists of 4 sections:

Section A – Reading: 16 marks; Section B – Writing: 18 marks;

Section C – Grammar: 16 marks; Section D – Literature: 30 marks

**SECTION A : READING**

**16 marks**

**A1 Read the following passage carefully and answer the questions that follow:**

**(8 marks)**

**SOCIAL MEDIA AND STUDENTS**

- 1) Today's world is a global village. Everyone is connected to one another in this vast network generated by the Internet. As said by Marshall McLuhan, a philosopher of communication theory, "The new electronic independence re-creates the world in the image of a global village." This electronic independence is inherently dependent upon the Internet.
- 2) In the past, the communicating and free sharing of thoughts among people were restricted by long distance, nationality and /or religion. But now even these barriers cannot stop the flow of information and knowledge. The new world of social networking allows free sharing of thoughts. Online social networks are created by websites such as Facebook, which has emerged as a giant in this social networking world. So how do these networks affect our education? How do they influence the lives of students?
- 3) As of 2015 the world's largest social networking company, Facebook, has 1.49 billion active users, and the number of users is increasing every year. One of the most interesting things to look at is the increasing number of student users on such networking sites. As per the survey conducted by Pew Research Center, 72 percent of high school and 78 percent of college students spend time on Facebook, Twitter, Instagram, etc. These numbers indicate how much the student community is involved in this virtual world of social networking.
- 4) Actually many reasons exist that explain why students love to spend time socializing. Firstly, social networks provide them the freedom to do whatever they want – to upload what they want and talk to whom they want. They like to make new friends and comment on the lives of different people. Students can create other online identities that the real world does not allow. The freedom it gives them to act just by sitting in front of a computer enthralls them, and they then demand for more freedom.
- 5) The most important things in a student's life are studying, learning good habits and gaining knowledge to become a person with good moral character. But today, as we see in various studies, this optimal learning process is seriously jeopardized by students becoming entrapped by the ploys of social networking. Students neglect their studies by spending time on social networking websites rather than studying or interacting with people in person. Actively and frequently participating in social networking can negatively affect their grades or hamper their journeys to their future careers.

- A1. a) Why do we call today's world a global village? (1)**
- b) What were the hindrances in communication in the past? (1)**
- c) What is not allowed to the students by the real world? (1)**
- d) What are the most important things in a student's life? (1)**
- e) How has the social media harmed the optimal learning process? (1)**
- f) Find the word from the passage similar in meaning to 'risk harming or endangering'. (1)**
- g) Give two reasons why students love to spend time socializing. (2)**
-

A2) Read the poem carefully and answer the questions that follow:

8 MARKS

**DAWN**

1. The silence shrouds the dark night,  
The moon lets out a silvery breath.  
Crickets sing their song so bright  
About the cycle of life and death.
2. The mist falls over sea and land  
And washes away the dust.  
Asleep is now both head and hand,  
Asleep is hate and all that is unjust!
3. The stars like lanterns far away  
Light a way in midst the blue  
So the wind may not wander astray  
Through the woods of adlemir and yew.
4. A night bird lifts its wings to flight  
Like a ghost rising from the grave  
And with its voice calls out the night  
As it slowly ends its dark enclave.
5. As a queen, claims her home  
As the waves wash towards the shore  
The stars and moon disappear in foam  
Its morning , morning again, once more.

Adapted from Lucirina Telor Vevan.

- A2. a) What do crickets sing about? (1)
- b) What happens when the mist falls over sea and land ? (1)
- c) Why do stars glow like lanterns? (1)
- d) Who calls out the night? (1)
- e) Why does the night bird lift its wings ? (1)
- f) How does the poet signify the arrival of morning ? (1)
- g) Find the words in the poem which mean : (2)
- i) cover (stanza 1)
- ii) go off track (stanza 3)

**SECTION – B (WRITING)**

(18 marks)

- B1.** You were on your way to the school when you saw a child of about ten years of age working as a rag picker .You were very disturbed to see that scene. Write a diary entry expressing your feelings in about 100 words. (5 marks)
- B2.** You are Radhika / Raghav . You have recently heard a ‘talk show’ on the topic – ‘Clean neighbourhoods make clean nations’. Inspired by the talk show, write an article for your school magazine in not more than 120 words. (5 marks)
- B3.** You are Akriti/ Artan, a resident of Suraj colony in Chennai. Write a letter to the Editor of a national daily to highlight the menace of stray dogs in your locality.

**Hints:** number of stray dogs increasing – packs of dogs roam the streets all day – often chase residents carrying food items – recent incident; bitten young children viciously – children dread to play – dog bite; dangerous – injury – rabies – lead to death – real threat to residents – authority need to implement – sterilization and vaccination – ensure the number of dogs – relocating to kennels by NGOs (8 marks)

PTO

OR

You are Rohini /Rohan of class 8 and you are preparing for your Annual examination. You have yourself, realized the importance of time management in a student's life and want to share your views with your friends. Write a speech for your school morning assembly on the topic –‘**Importance of time management in a student's life**’.

**Hints:** Time a valuable commodity – should have organized approach towards studies , recreation and other works – use time judiciously – making time table – help students prioritise work – stop procrastinating – be more productive – have an organized and realistic schedule

**SECTION-C ( GRAMMAR)**

(16 marks)

**C1. Choose the correct Figures of Speech from the given options :**

(1×2=2)

a) The camel is the ship of the desert.

(i) Simile (ii) Metaphor (iii) Personification (iv) Hyperbole

b) Why, man , if the river dry, I am able to fill it with tears .

(i) Apostrophe (ii) Antithesis (iii) Anticlimax (iv) Hyperbole

**C2. Choose the correct preposition from the given options and fill in the blanks :**

(1×2=2)

a) Don't loiter \_\_\_\_\_ the street.

(i) with (ii) about (iii) to (iv) at

b) “ Will you walk \_\_\_\_\_ my parlour ?” said the spider to the fly.

(i) in (ii) to (iii) into (iv) with

**C3. Choose the correct conjunction from the given options and fill in the blanks:**

(1×2=2)

a) He finished first \_\_\_\_\_ he began late.

(i) since (ii) until (iii) still (iv) though

b) It is unfortunate \_\_\_\_\_ Mr. Jones will not return.

(i) so that (ii) till (iii) as long as (iv) that

**C4. Choose the correct kinds of sentences from the given options:**

(1×2=2)

a) The dew drops glitter in the sunshine.

(i) Assertive (ii) Interrogative (iii) Imperative (iv) Exclamatory

b) Have a good time at the picnic.

(i) Assertive (ii) Interrogative (iii) Imperative (iv) Exclamatory

**C5. Pick out the prepositional phrases from the following sentences :**

(1×2=2)

a) Rohan took your purse to the market yesterday.

b) The car stopped in front of the porch.

**C6. Complete the analogies in the following sentences:**

(1×2=2)

a) Size is to sighs as bored is to \_\_\_\_\_ .

b) I is to \_\_\_\_\_ as who is to whose.

**C7. Change the voice of the following sentences :**

(1×2=2)

a) All his friends laughed at him.

b) Were these lines being read by her?

**C8. Change the following sentences into reported speech:**

(1×2=2)

a) He said to me, “ What are you doing?”

b) Ravi said, “ The horse died yesterday.”

**SECTION-D ( LITERATURE )**

**(30 marks)**

**D1. Read the extracts given below and answer the questions that follow:**

**(3×3=9)**

1. 'This requires a little reflection;

Perhaps on the whole it might bring me luck,

And there seems but one objection,'

- Who is the speaker of the above lines ?
- What does ' it' refer to ?
- What objection is the speaker referring to ?

2. 'While I should sojourn there,

No prophet durst declare

Nor did the wisest wizard.'

- What does ' there' refer to in the first line ?
- Name the poet of this poem.
- Find out the word from the above lines which is similar in meaning to 'stay'.

3. 'On a lone winter evening when the frost

Has wrought a silence, from the stone shrills.'

- Name the poem from where the lines have been taken .
- What sound is heard from the stone ?
- Find out the word which is similar in meaning to 'brought about'.

**D2. Answer any three of the following questions in about 30 to 40 words each:**

**(2×3=6)**

- The author describes Bepin Babu as a serious and hardworking man. What evidence can you find in the story to support this ?
- Why doesn't the school boy want to go to school in the summer morning?
- Stephen Hawking said, " I've had no choice ." Does the writer think there was a choice ? What was it?
- Did Ernest believe that the old prophecy had come true? What did he say about it?

**D3. Answer any one of the following questions in about 75 words :**

**(5)**

Who did Ernest confide in and how was he proved right ?

**OR**

How did Jody look after the fawn, after he accepted the responsibility for doing this ?

**D4. Answer any three of the following questions in about 30 to 40 words each:**

**(2×3=6)**

- In what ways did Regan and Goneril trouble Lear?
- What decision did Duke Theseus take regarding Hermia's marriage?
- How did the conspirators convince Beatrice that Benedick was in love with her?
- Why was Brutus unhappy towards the end?

**D5. Answer any one of the following questions in about 75 words :**

**(4)**

Give a detailed account of the events leading to Caesar's murder.

**OR**

What did Oberon ask Puck to do that made Titania agree to his wishes?

\*\*\*\*\*

निर्देश :-

1. प्रश्न-पत्र चार खण्डों में विभक्त हैं- 'क', 'ख', 'ग' एवं 'घ'।
2. प्रश्नों के सभी उपभागों के उत्तर क्रमशः दीजिए।
3. वर्तनी की शुद्धता एवं प्रभावशाली भाषा अपेक्षित है।
4. इस प्रश्न-पत्र में प्रश्नों की कुल संख्या 12 है।

**खण्ड- 'क'**

प्रश्न 1. निम्नलिखित गद्यांश को ध्यानपूर्वक पढ़कर पूछे गए प्रश्नों के उपयुक्त उत्तर दीजिए-

मनुष्य के मन की दृढ़ता उसकी मानसिक शक्ति पर आधारित होती है। जिस व्यक्ति की इच्छा शक्ति जितनी दृढ़ होगी, उसका मन उतना ही दृढ़ होगा। मन की दृढ़ता, इच्छा-शक्ति और संकल्प-शक्ति के द्वारा मनुष्य असंभव को संभव करके दिखा देता है। किन्तु जब व्यक्ति का मन ही भर जाता है, तो सब प्रकार की सुख-सुविधाएँ पाकर भी उसका जीवन उसके लिए बोझ बन जाता है। इसके विपरीत जिसका मन दृढ़ रहता है, वह साधनों के अभाव में भी साधन खोज लेता है। यानी अभावों में भी मुसकाता है।

- (क) मनुष्य के मन की दृढ़ता क्यों आवश्यक है? (1)
- (ख) जब व्यक्ति का मन भर जाता है, तो वह कैसा अनुभव करता है? (1)
- (ग) अभावों में भी किस तरह के मन का व्यक्ति मुसकाता है? (1)
- (घ) मनुष्य असंभव को संभव किस प्रकार बना सकता है? (1)
- (ङ) गद्यांश का उपयुक्त शीर्षक दीजिए। (1)

**खण्ड- 'ख'**

प्रश्न 2. (क) निम्नलिखित अनेकार्थक शब्दों के दो-दो अर्थ लिखिए- (2)

तात, फल

(ख) नीचे दिए गए लोकोक्तियों का वाक्य में इस प्रकार प्रयोग कीजिए ताकि उनके अर्थ स्पष्ट हो जाए- (2)

(i) दूर के ढोल सुहावने (ii) चार दिन की चाँदनी, फिर अँधेरी रात

प्रश्न 3. (क) निम्नलिखित विग्रहों के लिए समस्त पद लिखिए- (2)

(i) स्वर्ग और नरक (ii) परीक्षा के लिए भवन

(ख) निम्नलिखित शब्दों के सामासिक विग्रह करते हुए भेद बताइए- (2)

(i) राजकन्या (ii) त्रिनेत्र

प्रश्न 4. (क) निम्नलिखित शब्दों का संधि-विच्छेद कीजिए- (3)

पुस्तकालय, नमस्कार, संयोग

(ख) निम्नलिखित में संधि कीजिए- (3)

(i) विद्या + अर्थी (ii) जगत् + नाथ (iii) निः + रस

(ग) नीचे दिए गए संधि-रूपों के सामने उनके भेदों के नाम लिखिए- (3)

(i) सदा + एव (सदैव) (ii) निः + चल (निश्चल) (iii) दिक् + गज (दिग्गज)

प्रश्न 5. (क) निम्नलिखित वाक्यों में विधेय एवं उद्देश्य छाँटिए- (2)

(i) राम की बहन कमला गीत गाती है।

(ii) मोहन विद्यालय आया है।

(ख) अर्थ के आधार पर वाक्य के भेद लिखिए- (3)

(i) क्या आपने आठवीं कक्षा उत्तीर्ण कर ली?

(ii) उसने उत्तर नहीं दिया।

(iii) संभवतः आज वर्षा हो।

(ग) रचना के आधार पर वाक्य परिवर्तन कीजिए-

(3)

- (i) मैं नाश्ता करके स्कूल चला गया। (संयुक्त वाक्य में)  
(ii) उसके स्टेशन पर पहुँचते ही गाड़ी चल दी। (मिश्रित वाक्य में)  
(iii) गर्मियों की छुट्टियाँ हो गईं और हम पहाड़ों पर घूमने चले गए। (सरल वाक्य में)

खण्ड- 'ग'

प्रश्न 6. निम्नलिखित विषयों में से किसी एक विषय पर दिए गए संकेत बिन्दुओं के आधार पर लगभग 100 शब्दों में अनुच्छेद लिखिए-

(5)

(क) प्रदूषण- समस्या एवं निवारण

- (i) प्रदूषण के कारण  
(ii) प्रदूषण का कुप्रभाव  
(iii) मनुष्य की भूमिका  
(iv) प्रदूषण दूर करने के उपाय  
(v) उपसंहार

(ख) यदि मैं शिक्षामंत्री होता

- (i) भूमिका  
(ii) वर्तमान शिक्षाप्रणाली के दोष  
(iii) शिक्षामंत्री बन जाने के बाद मेरी कार्य योजनाएँ एवं सुधार

(ग) स्वास्थ्य और व्यायाम

- (i) भूमिका  
(ii) स्वास्थ्य और व्यायाम : एक दूसरे के पूरक  
(iii) तन एवं मन को स्वस्थ रखने में भूमिका  
(iv) अनिवार्य अंग  
(v) निष्कर्ष

प्रश्न 7. गणित एवं विज्ञान की अतिरिक्त कक्षाएँ आयोजित कराने के संबंध में प्राचार्य को प्रार्थना-पत्र लिखिए।

अथवा

राष्ट्रीय प्रतिभा खोज परीक्षा में सफल हुए मित्र को बधाई देते हुए पत्र लिखिए।

(5)

खण्ड- 'घ'

प्रश्न 8. निम्नलिखित काव्यांश को ध्यानपूर्वक पढ़कर पूछे गए प्रश्नों के उत्तर दीजिए-

ऐसे बेहाल बिवाइन सों, पग कंटक जाल लगे पुनि जोए।  
हाय ! महादुख पायो सखा, तुम आए इतै न कितै दिन खोए॥  
देखि सुदामा की दीन दसा, करुना करिकै करुनानिधि रोए।  
पानी परात को हाथ छुयो नहिं, नैनन के जल सों पग धोए॥

(क) कवि एवं कविता का नाम लिखिए।

(1)

(ख) सुदामा की दीन दशा देखकर श्रीकृष्ण की क्या मनोदशा हुई?

(2)

(ग) “पानी परात को हाथ छुयो नहिं, नैनन के जल सों पग धोए।” पंक्ति में वर्णित भाव का वर्णन अपने शब्दों में कीजिए।

(2)



**प्रश्न 9. निम्नलिखित गद्यांश को सावधानीपूर्वक पढ़कर पूछे गए प्रश्नों के उत्तर लिखिए-**

बाज में एक नई आशा जाग उठी। वह दोगुने उत्साह से अपने घायल शरीर को घसीटता हुआ चट्टान के किनारे तक खींच लाया। खुले आकाश को देखकर उसकी आँखें चमक उठीं। उसने एक गहरी, लम्बी साँस ली और अपने पंख फैलाकर हवा में कूद पड़ा। किन्तु उसके टूटे पंखों में इतनी शक्ति नहीं थी कि उसके शरीर का बोझ सँभाल सकें। पत्थर-सा उसका शरीर लुढ़कता हुआ नदी में जा गिरा।

एक लहर ने उठकर उसके पंखों पर जमे खून को धो दिया, उसके थके-माँदे शरीर को सफेद फेन से ढँक दिया, फिर अपनी गोद में समेटकर उसे अपने साथ सागर की ओर ले चली।

लहरें चट्टानों पर सिर धुनने लगीं मानो बाज की मृत्यु पर आँसू बहा रही हों। धीरे-धीरे समुद्र के असीम विस्तार में बाज आँखों से ओझल हो गया। चट्टान की खोखल में बैठा हुआ साँप बड़ी देर तक बाज की मृत्यु और आकाश के लिए उसके प्रेम के विषय में सोचता रहा।

- (क) पाठ एवं लेखक का नाम लिखिए। (2)  
(ख) लहरें मृत बाज को कहाँ लेकर चली गईं? (1)  
(ग) लहरें चट्टानों पर सिर क्यों धुनने लगीं? (2)

**प्रश्न 10. 'अनुमान और कल्पना' के आधार पर निम्नलिखित में से किसी एक का उत्तर दीजिए। (3)**

- (i) आपके सपनों का भारत कैसा होना चाहिए? लिखिए।  
(ii) पुडुकोट्टई में कोई महिला अगर चुनाव लड़ती तो अपना पार्टी-चिह्न क्या बनाती और क्यों?

**प्रश्न 11. निम्नलिखित प्रश्नों में से किन्हीं पाँच के उत्तर लगभग 40-50 शब्दों में दीजिए- (5×4=20)**

- (i) दोषों का पर्दाफाश करना कब बुरा रूप ले सकता है?  
(ii) कबीर घास की निंदा करने से क्यों मना करते हैं? पढ़े हुए दोहे के आधार पर स्पष्ट कीजिए।  
(iii) "लाला झाऊलाल जी ने फौरन दो और दो जोड़कर स्थिति को समझ लिया।" आपके विचार से लाला झाऊलाल ने कौन-कौन सी बातें समझ ली होंगी?  
(iv) "तैं ही पूत अनोखौं जायो"-पंक्तियों में ग्वालन के मन में कौन-से भाव मुखरित हो रहे हैं?  
(v) हाइड्रोजन और ऑक्सीजन को पानी ने अपना पुरखा/पूर्वज क्यों कहा?  
(vi) गवरइया और गवरा के बीच किस बात पर बहस हुई और गवरइया को अपनी इच्छा पूरी करने का अवसर कैसे मिला?  
(vii) "या तो बच्चा राज कायम कर लो या मुझे ही रख लो।" अम्मा ने कब कहा और इसका परिणाम क्या हुआ?

**प्रश्न 12. निम्नलिखित प्रश्नों के संक्षिप्त उत्तर दीजिए- (1×7=7)**

- (i) 'जहाँ पहिया है' पाठ की विधा क्या है?  
(ii) श्रीकृष्ण गोपियों का माखन चुरा-चुराकर खाते थे इसलिए उन्हें माखन चुराने वाला भी कहा गया है। इसके लिए एक शब्द लिखिए।  
(iii) 'प्र' एवं 'अनु' उपसर्ग लगाकर एक-एक सार्थक शब्द बनाइए।  
(iv) 'क्या निराश हुआ जाए' पाठ के लेखक कौन हैं?  
(v) प्रचलित रूप लिखिए- ग्यान, आँखि  
(vi) विपरीतार्थक लिखिए- दिन, श्वेत  
(vii) गवरइया की टोपी पर दर्जी ने कितने फुँदने जड़ दिए थे?

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**General Instructions :**

- There are 31 questions and all are compulsory.
- Marks of each question are indicated against the question.
- Questions from S.No. 1 to 14 are very short questions of 1 mark each.
- Questions from S.No. 15 to 26 are short questions of 3 marks each.
- Questions 27 to 30 are long questions of 5 marks each.
- Question no. 31 is a map question of 5 marks from History and 5 marks from Geography.
- After completion, attach the map inside your answer book.

1. Who said, Freedom is my birthright and I shall have it! (1)
2. Whose death sparked off violent protests in the Telugu-speaking region and consequently the state of Andhra came into being? (1)
3. Name the steel which had made Tipu's sword incredibly hard and sharp. (1)
4. Who was the founder of the Brahmo Samaj? (1)
5. Which Mughal ruler was sent to Rangoon (now Yangon) jail after the mutiny of 1857? (1)
6. Where is the silicon valley located in India? (1)
7. Which country is the leading producer of coffee in the world? (1)
8. Which mineral is referred to as "black gold"? (1)
9. Give any two human factors which lead to soil degradation. (½+½)
10. Which country is the largest producer and exporter of mica in the world? (1)
11. Which Fundamental Right will be violated, if a 13-year old child is working in a factory manufacturing carpets? (1)
12. Which Article of the Constitution guarantees the Right to life? (1)
13. Which Committee was constituted in 2005 by the Government of India to examine the social, economic and educational status of the Muslim Community? (1)
14. In which year was the Scheduled Castes and the Scheduled Tribes (prevention of Atrocities) Act framed? (1)
15. Why were the sepoys reluctant to use the new cartridges introduced in the 19<sup>th</sup> century by the colonial rulers of India? (3)
16. What helped TISCO expand steel production during the First World War? (3)
17. Why did Mahatma Gandhi want to teach children handicrafts? (3)
18. Write the social ideas of Jyotirao Phule. (3)
19. Why is land considered an important resource? What are the factors that determine land use? (1+2)
20. Give any three reasons for the uneven distribution of population in the world. (3)
21. What is meant by the term 'industry'? How can industries be classified on the basis of size? (1+2)
22. What is agriculture? Differentiate between subsistence agriculture and commercial agriculture. (1+2)
23. Mention the six Fundamental Rights given in the Indian Constitution. (3)
24. What is the role of the police in investigating a crime? (3)
25. What are the advantages to foreign companies in setting up production units in India? (3)
26. What is the role of government in providing public facilities? (3)
27. When was the Planning Commission of India set up? What was the role of the Planning Commission? (1+4)
28. How did the British change their policies as a result of the rebellion of 1857? (5)

(OR)

What are the various forms that the Non-Cooperation Movement took in different parts of India?

(5)

PTO

29. Describe any five methods of soil conservation. (5)

(OR)

Why was Jamshedpur chosen for setting up the first Iron and Steel Plant in India? (5)

30. What is Constitution? Explain any three features of the Indian Constitution. (2+3)

(OR)

What are the rights guaranteed to every arrested person under the Article 22 and Criminal law? (5)

31. On the given outline political map of India, locate and label the following : (5+5)

- A (History) :**
- (1) Nagpur
  - (2) Lucknow
  - (3) Champaran
  - (4) Kheda
  - (5) Madras

- B (Geography) :**
- (1) Steel Industry in Chhattisgarh.
  - (2) Textile Industry in Gujarat.
  - (3) Largest Jute producing state.
  - (4) Most densely populated state.
  - (5) State having the highest literacy.

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# DELHI PUBLIC SCHOOL, BHILAI (C.G.)

DATE : 12-02-2018

Annual Examination, 2018

Time: 1½ Hours

CLASS : VIII

ICT

M.M : 40

No. of printed page : 1

**QA) Very Short Answer type questions -**

(1×4=4)

- i) DTP stands for \_\_\_\_\_.
- ii) IT stands for \_\_\_\_\_.
- iii) IPC stands for \_\_\_\_\_.
- iv) JDBC stands for \_\_\_\_\_.

**QB) Short Answer Type questions -**

(2×4=8)

- i) Mention any two ways in which software like GIMP, Inkscape and Scribus can be useful to you as a student.
- ii) "Java is a platform Independent language". What does this statement mean and what is its significance?
- iii) To keep the viruses under check, you need an anti-virus software. Mention the names of two such software.
- iv) Name any two page-layout software apart from scribes.

**QC) Answer the questions -**

(3×4=12)

- 1) How does an IDE (Integrated Development Environment) facilitate programming? Mention two features of Netbeans IDE that you might find useful while programming in Java.
- 2) Define Malware. Name different types of Malware.
- 3) Mention any 3 features of Java and Explain it.
- 4) Write 3 examples of cyber crime.

**QD) Answer the questions -**

(4×4=16)

- 1) Meera received a forwarded e-mail with an attachment. The sender of the mail was unknown to Meera. The subject line of the mail tempted Meera to view the attachment. Do you think Meera was right in doing so? Give two examples for your answer.
- 2) What are the four basic function performed in an application? (MySQL – Java connectivity)
- 3) What do you mean by free and open source movement. Write down your views about this movement.
- 4) Create a front end application to add 2 number and also write its code.

### CALCULATE

FIRST NUMBER

SECOND NUMBER

ADD

CLEAR

EXIT

RESULT

\*\*\*\*\*

**DELHI PUBLIC SCHOOL, BHILAI (C.G.)****Time: 1½ hrs.****ANNUAL EXAMINATION (2018)****16.02.2018****Class: VIII****GENERAL KNOWLEDGE****M.M.: 100****General Instructions:-**

1. There are 95 questions in all.
2. Q. No. 01 to 80 and Q. No. 86 to 95 – carry 01 mark each.
3. Q. No. 81 to 85 – carry 02 marks each.
4. Marks are identified against each question.

**Name the medical scientists who have invented the following things:****(5x1=5)**

1. Vaccination  
(a) Louis Pasteur (b) Albert Sabin (c) Edward Jenner (d) Willem Kolff
2. Polio Vaccine  
(a) Jonas Salk (b) Isaac Newton (c) August Bie (d) Adam Smith
3. Stethoscope  
(a) Stephen Hawking (b) Rene Laennec (c) Edward Jenner (d) Alexander Fleming
4. Electro Cardiograph (ECG)  
(a) Willem Einthoven (b) Adam Smith (c) Jonas Salk (d) Stephen Hawking
5. Aspirin  
(a) Hoffmann (b) Selman Waksman (c) Louis Pasteur (d) Edward Jenner

**Recognise the following forms of martial arts and write their names:-****(5x1=5)**

6. It is a self-defence technique, developed in Japan. In this, blows and kicks are directed on pressure- points on the body of opponent \_\_\_\_\_.
7. It is an Indian martial art form from the southern state of Kerala. \_\_\_\_\_.
8. Originated in the Punjab region of India, it is a Sikh martial art which was used by the Sikhs for self-defence \_\_\_\_\_.
9. It is a defensive sport that teaches discipline. It was developed in Korea. \_\_\_\_\_.
10. It includes a number of defensive fighting styles that have developed over the centuries in China. This involves physical exercise; animal mimicry inspired training methods of Chinese Philosophy. \_\_\_\_\_.

**Match the following :-****(5x1=5)**

11. Percy Bysshe Shelly (a) Space Craft of Soviet Union performed first successful soft moon landing.
12. Ranger 4 (b) Fariborz Sabha
13. Apollo 11 (c) an English poet and influential leader of romantic movement.
14. Lotus Temple (d) It is first USA Space Craft launched by NASA
15. Luna 9 (e) Space Craft of USA in which the first human beings landed on the moon

**Recognise the following new seven wonders of the world by their descriptions and write their names in the given spaces:****(7x1=7)**

16. It is one of the modern Rome's most popular tourist attractions. It is one of the greatest works of Roman architecture and can accommodate around 50,000 spectators. \_\_\_\_\_.
17. It is a monumental statue of Christ overlooking the city of Rio-de-Janeiro, Brazil. It is one of the city's major tourist attractions. \_\_\_\_\_.
18. It is a large pyramid with a stair case on each of the four sides leading up to the temple of God Kulkulkan, located in Mexican state of Yucatan. \_\_\_\_\_.
19. It is an archaeological site in southwest – Jordan. This site was declared as a UNESCO World Heritage site in 1985 \_\_\_\_\_.
20. It is the most famous monument in India. It was built in Agra by the Mughal Emperor Shah Jahan. \_\_\_\_\_.

21. It is the world's longest human made structure, stretching over 6,400 kms in China, constructed as a barrier against the raids by nomadic people from the north \_\_\_\_\_.
22. It is located at an altitude of 2,430 m (7,970 ft) on a mountain ridge in Peru. The site bears unique testimony to the Inca architecture and civilization \_\_\_\_\_.

**Recognise the following inspiring personalities and their names:**

(10x1=10)

23. He is a British physicist and his bestselling book 'A Brief History of Time'. He is completely paralysed since the age of 21. \_\_\_\_\_.
24. He was the Nobel Prize winner in Physics and one of the 'most gifted minds' in Science. \_\_\_\_\_.
25. He is an American President, who was paralysed from waist down in 1921, led America through two of the worst periods of American history \_\_\_\_\_.
26. He is one of the most 'well-known-composers' in history. He became deaf from tinnitus at the age of 20. \_\_\_\_\_.
27. She was 'almost deaf' when she was 18 months old. Despite her disability, she won the 'Best Actress Academy Award' in 1986 \_\_\_\_\_.
28. Blind, nearly from birth, he is well-known American singer, song composer and received 22 Grammy Awards \_\_\_\_\_.
29. He was the ruler of 'North Korea'. He showed off his country's nuclear power by conducting two rounds of missile test on 5<sup>th</sup> July, 2006. \_\_\_\_\_.
30. He was a powerful 'German dictator'. He was the 'incarnation of evil' when it came to bring terror to the world \_\_\_\_\_.
31. Better known as 'Pol Pot', he was the leader of the 'Cambodian Communist movement' known as the 'Khmer Rouge' \_\_\_\_\_.
32. He was the 'Military dictator and the President of Uganda' from 1971 to 1979. His rule was characterised by 'Human Rights abuses corruption' \_\_\_\_\_.

**Identify the following rare and amazing geological wonders by their descriptions:**

(5x1=5)

33. It is the 'most astonishing submarine sinkhole' found in Belize (Central America) \_\_\_\_\_.
34. This place 'comprises around 1,268 cone shaped hills' spread over an area of 50 sq kms in Bohol, Philippines \_\_\_\_\_.
35. It is a red-rock stunner on the border of Arizona and Utah (USA) \_\_\_\_\_.
36. With a diameter of almost 40 kms, this landform in (Mauritania), Sahara Desert is huge and termed as the 'Eye of the Sahara'. \_\_\_\_\_.
37. It is the 'most beautiful river in the world'. It is located in 'Colombia'. It is also called 'The liquid Rainbow' \_\_\_\_\_.

**Identify and name the following dance forms of the world:**

(6x1=6)

38. It is an American theatrical dance style, performed using foot movements and audible foot tappings \_\_\_\_\_.
39. This is a dance form originated in Argentina. It is graceful and requires large space. \_\_\_\_\_.
40. It is a novel dance and was originated on the island of Trinidad (West Indies). \_\_\_\_\_.
41. This is a very sporty, competitive form of dance, designed to be performed on fast music \_\_\_\_\_.
42. It is a lively rhythmical dance of Brazilian origin and it is set on fast music \_\_\_\_\_.
43. This dance first emerged in Bronx and developed in New York City in the 1970 s \_\_\_\_\_.

**Identify and places where these famous Buildings are located :**

(8x1=8)

44. Opera House \_\_\_\_\_.
45. Lotus Temple \_\_\_\_\_.
46. Houses of Parliament \_\_\_\_\_.
47. Luxembourg Palace \_\_\_\_\_.
48. Petronas Twin Towers \_\_\_\_\_.
49. Rashtrapati Bhawan \_\_\_\_\_.

50. Burj Khalifa \_\_\_\_\_.
51. White House \_\_\_\_\_.

**Write the names of the languages according to their descriptions:**

(11x1=11)

52. Oldest language preserved in writing \_\_\_\_\_.
53. Ancient language that is the basis of most Indian Languages \_\_\_\_\_.
54. The oldest system of writing 'word pictures' \_\_\_\_\_.
55. The language with most letters (74 letters) \_\_\_\_\_.
56. The most frequently used letter in English. \_\_\_\_\_.
57. The most commonly used word in English. \_\_\_\_\_.
58. The language that is written from right to left \_\_\_\_\_.
59. The language used by the blind for reading and writing \_\_\_\_\_.
60. The language containing the most words \_\_\_\_\_.
61. The language used by deaf and dumb people \_\_\_\_\_.
62. The language with least letters (12 letters) \_\_\_\_\_.

**Name the authors of the following books:**

(5x1=5)

<u>Book</u>	<u>Author</u>
63. Codex Leicester	_____
64. Geographia Cosmographia	_____
65. On Fruit trees	_____
66. The Birds of America	_____
67. First Folio	_____

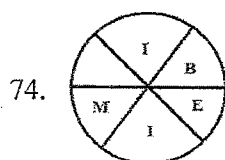
**Recognise the famous revolutionaries and write their names:**

(6x1=6)

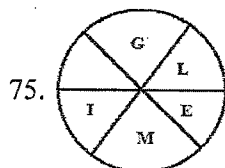
68. He was a Sepoy in the 34<sup>th</sup> Bengal Native Infantry regiment of East India Company \_\_\_\_\_.
69. He was the last Mughal Emperor \_\_\_\_\_.
70. She led the revolt at Luknow at the invasion of Luknow by Lord Campbell. \_\_\_\_\_.
71. He was the most loyal general of Nana-Sahib and was betrayed by a landlord of Gwalior \_\_\_\_\_.
72. He was the adopted son of Baji Rao- II and refused to surrender after being defeated \_\_\_\_\_.
73. She was one of the bravest leaders of the Indian rebellion and was known as 'Jhansi Ki Rani' \_\_\_\_\_.

**Write the missing letter in the circle to make meaningful word, with the indications given beside:** (7x1=7)

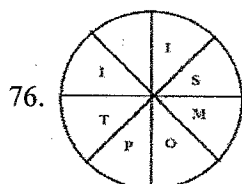
Indication



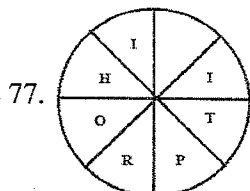
To take in



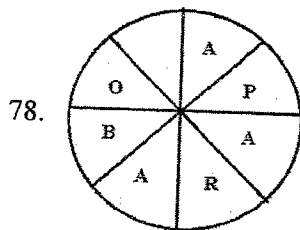
To mix



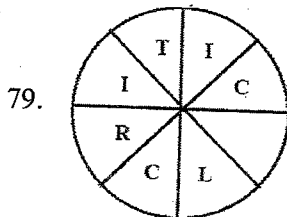
Looking at the bright side



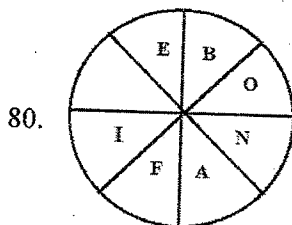
To Forbid



A Curve



Very Serious



Real, Genuine

**Identify and name these rare and amazing animals by their given descriptions:**

**(5x2=10)**

81. This extremely rare, wild Ox from Asia whose carvings are known over 800 years \_\_\_\_\_.
82. It is a Long-Legged African bird which hunts on foot in open grass lands \_\_\_\_\_.
83. It is a Cat-Like mammal is the native of Africa and Asia secretes a greasy substance used in manufacturing perfumes \_\_\_\_\_.
84. This African antelope found in Sandy and Stormy regions of Sahara with large and spreading hooves, ideal for walking on soft sand. \_\_\_\_\_.
85. World's oddest looking bird that builds its nest in a burrow with triangular looked beak, which is yellow, blue and vermillion colours \_\_\_\_\_.

**Current Affairs:**

**(1x10=10)**

86. Name the famous Hindu temple at Ratanpur \_\_\_\_\_.
87. How many districts are there in Chhattisgarh? \_\_\_\_\_.
88. How many 'ASEAN' heads of states participated in Republic day parade of 2018? \_\_\_\_\_.
89. Who is the governor of Madhya Pradesh? \_\_\_\_\_.
90. Name the CEO of Bhilai Steel Plant. \_\_\_\_\_.
91. Give the full form of 'GST'. \_\_\_\_\_.
92. Name the Cricket ground situated at Naya Raipur. \_\_\_\_\_.
93. Who is the Chief Minister of Uttaranchal \_\_\_\_\_.
94. Who is the Defence Minister of India? \_\_\_\_\_.
95. Which is the ruling party in USA? \_\_\_\_\_.

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**DELHI PUBLIC SCHOOL, BHILAI (C.G.)****Time: 3 hrs.****ANNUAL EXAMINATION, 2018****06.03.2018****Class: VIII****SCIENCE****M.M. : 80****General Instructions:-**

1. All questions are compulsory.
2. Question Nos. 1 to 6 are 1 mark questions.
3. Question Nos. 7 to 15 are 2 marks questions.
4. Question Nos. 16 to 27 are 3 marks questions.
5. Question 28 to 31 are 5 marks questions.

- 
1. Name the unit by which loudness is expressed. (1)
  2. What is friction? (1)
  3. What do you mean by contact forces? (1)
  4. What initiates changes at puberty? (1)
  5. Define atmospheric pressure? (1)
  6. What is Richter scale? (1)
  7. What is pasteurisation? Who discovered this process? (2)
  8. When a copper vessel is exposed to moist air it acquires dull green coating. Explain why? (2)
  9. Mention briefly any two components of a cell. (one line description) (2)
  10. Name the endocrine gland which secretes : (a) Estrogen (b) Testosterone (2)
  11. Write a short note on 'State Of Motion'. (2)
  12. Does pure water conduct electricity? If not what can we do to make it conducting? (2)
  13. Give two differences between stars and planets. (2)
  14. How can we control water pollution? (2)
  15. What is 'Ganga Action Plan'? What is its aim? (2)
  16. How do antibiotics act on disease causing microbes? (3)
  17. Give reasons for the following:- (1x3=3)
    - (a) Aluminium foils are used to wrap food items.
    - (b) Copper cannot displace Zinc from its salt solution.
    - (c) Sodium and Potassium are stored in Kerosene.
  18. Write short notes on the following:- (1x3=3)
    - (a) Chloroplast (b) Mitochondria (c) Cell wall
  19. What is force? What are the effects of force on an object (five points)? (3)
  20. Mention at least three factors on which the force of friction in a fluid depends. (3)
  21. Suppose you are outside your home and an earthquake strikes. What precautions you take to protect yourself? (3)
  22. How can you say that frequency of voice of a child is higher than an adult? (3)
  23. Give three reasons for an earthquake. (3)
  24. How is sound produced in humans? (3)
  25. Differentiate between regular and irregular reflection. (Give three points) (3)
  26. State the harmful effects of the following:- (1x3=3)
    - (a) Carbon monoxide (b) Chlorofluorocarbons (c) Acid rain
  27. Explain why sliding friction is less than static friction? (3)

28. (a) Describe briefly about the process of sex determination in an unborn human being.

(b) Mention the hormones secreted by our pancreas and adrenal glands.

(3+2=5)

**OR**

(a) List the changes in the human body which takes place at puberty.

(b) Mention briefly about menstruation.

29. (a) State the chemical changes that take place when electric current is passed through a conducting solution?

(b) Why tap water is a good conductor of electricity?

(3+2=5)

**OR**

(a) How is copper sulphate electrolysed?

(b) Why tin cans are used for storing food items?

30. (a) What is meant by the term earthing? What is its advantage?

(2+3=5)

(b) Describe with the help of a diagram an instrument which can be used to detect a charged body.

**OR**

(a) What are seismic waves? Name the instrument that records these waves.

(b) Suggest any three measures to protect ourselves from lightning.

31. (a) Write any three differences between natural satellite and artificial satellite.

(b) Why is the distance between stars expressed in light years? What do you understand by the statement that a star is 8 light years away from the earth?

(3+2=5)

**OR**

(a) Why is life known to exist only on the earth?

(b) How can you locate pole star with the help of Ursa Major?

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# DELHI PUBLIC SCHOOL, BHILAI (C.G.)

Time: 3 hrs.

ANNUAL EXAMINATION, 2018

08.03.2018

Class: VIII

MATHEMATICS

M.M. : 80

## General Instructions:

1. All questions are compulsory.
2. The question paper consists of 30 questions divided into four sections A, B, C and D.
3. Section A contains 6 questions of one mark each. Section B contains 6 questions of two marks each. Section C contains 10 questions of 3 marks each and section D contains 8 questions of four marks each.
4. There is no overall choice. However, internal choice has been provided in four questions of 3 marks each and three questions of 4 marks each. You have to attempt only one of the alternatives in all such questions.

### SECTION-A

(1x6=6)

1. An article bought for ₹ 760 was sold for ₹ 722 find the loss percent.
2. One angle of a linear pair is  $60^\circ$ . Find the other angle.
3. The central angle formed by a sector of circle is  $110^\circ$ . What is the measure of the angle formed by the arc at the remaining part of the circumference of the circle?
4. The perimeter of a square region is 34dm. Find the area of the region.
5. The edge of a cube is 14cm. Find the lateral surface area of the cube.
6. Factorise:  $x^3 + 64$ .

### SECTION-B

(2x6=12)

7. Find the square root of 8; correct to one decimal place.
8. Find  $x$ ; if  $3^{3x-1} = \frac{1}{9}$ .
9. A radio set is sold for ₹ 2160 after allowing a discount of 20% on the marked price. Find the marked price.
10. Find the area of the triangular region whose base is 16.7cm and the height is 9.4cm.
11. Factorise:  $12x^2 - x - 1$ .
12. Find the AM of first ten natural numbers.

### SECTION-C

(3x10=30)

13. Locate  $\sqrt{5}$  on the number line. (justification not required)
14. What is the least factor required to make 8232 a perfect cube?

OR

Rationalize the denominator of  $\left( \frac{3 + \sqrt{2}}{3 - \sqrt{2}} \right)$ .

15. Evaluate  $\frac{48^{-2} \times 64^{\frac{1}{2}}}{24^{-1}}$

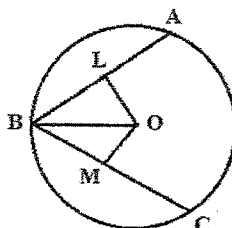
16. Simplify  $\sqrt[3]{81a^3} + \sqrt[3]{-192a^3} + \sqrt[3]{-375a^3}$       OR       $(3\sqrt[3]{2})(5\sqrt[3]{6})(8\sqrt[3]{4})$

17. A table was sold for ₹ 570 at a loss of 15 percent. Find the gain or loss percent if it was sold for ₹ 570.
18. In a circle of radius 6.5cm a chord is drawn at a distance of 2.5cm from the centre. Find the length of the chord.

OR

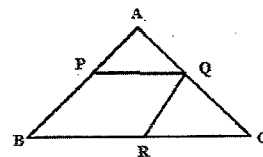
AB and BC are two equal chords of circle with centre O;  $OL \perp AB$  and  $OM \perp BC$  is drawn.

- Prove that
- (i)  $\triangle OLB \cong \triangle OMB$
  - (ii) OB bisects  $\angle ABC$



19. In  $\triangle ABC$ , P, Q and R are the mid point of sides AB, AC and BC respectively.

PQ and QR are joined. Prove that BRQP is a parallelogram and  $PQ = \frac{1}{2} BC$ .



20. Find the area of a sector of a circle whose radius is 14cm and making an angle of  $36^\circ$  at the centre.

OR

Find the areas of the space enclosed by two concentric circles of radii 9cm and 5cm.

21. Solve:  $\frac{x-7}{3} - \frac{5(x-1)}{4} = \frac{2x-9}{6}$ .

22. Using tallies and class interval, prepare a frequency distribution table for the following (class size of 10) 41, 52, 64, 30, 63, 44, 56, 67, 36, 32, 58, 71, 78, 35, 62, 70, 68. What is the upper limit and lower limit of the class interval with highest frequency?

#### SECTION-D

(4x8=32)

23. An almirah is sold at a gain of 8%. Had it been sold for ₹ 280 less, the loss is 6%. Find its cost price.

OR

A shop keeper offers 10% discount and still makes a profit of 17%. Find the C.P. of an article marked at ₹260.

24. A conical cup 12cm deep has a circular base of diameter 14cm. It is full of water. The water is poured into a cylindrical vessel of circular base of diameter 7cm. What will be the height of water in the cylinder?

25. P is a point on the minor  $\widehat{AB}$  of a circle with centre O and radius 3cm. If  $m\widehat{AB} = 130^\circ$  and  $m\widehat{AP} = 50^\circ$ , What is  $m\widehat{BP}$ ? Verify your answer by construction using compass and protractor.

26. In a trapezium ABCD,  $AB \parallel CD$ ,  $AB = 44\text{cm}$ ,  $BC = 20\text{cm}$ ,  $AD = 20\text{cm}$  and  $CD = 24$ . Find the area of trapezium.

OR

In a Quadrilateral ABCD,  $AB = 26\text{cm}$ ,  $BC = 28\text{cm}$ ,  $CD = 40\text{cm}$ ,  $AD = 50\text{cm}$  and diagonal  $AC = 30\text{cm}$ . Find the area of the Quadrilateral.

27. A conical vessel is of height 24cm and radius 10cm. Find the volume and CSA of the conical vessel.  
28. Draw a line segment and divide it in the ratio of 1:2:3.  
29. (i) Find the value of  $x + y + z$  if  $x^2 + y^2 + z^2 = 125$  and  $xy + yz + zx = 50$ .

(ii) Find the value of  $(65)^3 + (5)^3 - (70)^3$ .

OR

A Ship travelling at the rate of 20 knots an hour is still water went 75 knots downstream and then back again in a total of 8 hours. What is the rate of current?

30. Draw the histogram for the following data:

Marks	0-10	10-20	20-30	30-40	40-50
frequency	5	12	14	16	8

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