

कक्षा आठवीं  
विषय हिंदी

समय 3 घंटे।

कुल अंक 80

1. अपठित गद्यांश को पढ़कर पूछे गए प्रश्नों के उत्तर दीजिए: (6)

में जुलाहा हूँ। विधाता हमारी बिरादरी का सबसे पहला पूर्वज है। कहते हैं कि विधाता सूर्य की किरणों से दिन में सफेद वस्त्र बुनता है और रात में अंधकार से काला वस्त्र। आपने मनु का नाम तो सुना ही होगा। उन्होंने हमारे वस्त्र की प्रशंसा करते हुए कहा है-"यदि आप गृहस्थी में सुख चाहते हैं तो गृहिणियों को सदा वस्त्र आदि देकर उनका सम्मान किया करें।" हमें वस्त्र बुनने की प्रेरणा प्रकृति से मिली। आपने मकड़ी को कितनी कुशलता से अपना जाला बुनते हुए देखा होगा। दूसरी प्रेरणा में उल्लेखनीय पक्षी-बया है। बया पक्षी पेड़ों के साथ बोटलों-सी आकृति के घोंसले बुनती है, मानो उलटी बोटलें लटकी हों। बया की बुनाई की कला को देखकर कोई भी व्यक्ति मुग्ध हुए बिना नहीं रह सकता।

हमारा कर्म ही पवित्र है - सरदी, गरमी की मार से शरीर की रक्षा करना तथा शरीर के सौंदर्य में वृद्धि करना। संत कबीर जुलाहे ही तो थे। वे कपड़ा बुनते जाते और दोहे सुनाते जाते थे। अनपढ़ होते हुए भी कितना सम्मान था समाज में उनका। धन्य हैं महात्मा गांधी, जिन्होंने स्वयं चरखा चलाकर सूत काता और खादी बुनने को प्रोत्साहित किया। आज बड़ी-बड़ी मशीनों से धड़ाधड़ वस्त्र बुने जा रहे हैं, पर हमारे बुने वस्त्रों की अपनी विशेषताएँ हैं। हथकरघों पर बने वस्त्र विश्व भर में तहलका मचा रहे हैं।

क. जुलाहे का दिन व रात से क्या संबंध है ?

ख. मनु ने जुलाहों को अपने शब्दों से कैसे सम्मानित किया ?

ग. बया अपना घोंसला कैसे बनाती है ?

घ. महात्मा गांधी ने जुलाहों के व्यवसाय को प्रोत्साहित करने के लिए क्या किया ?

ङ वर्तमान समय में जुलाहों की जगह किसने ले ली है ?

च. गद्यांश में से कोई दो विलोम शब्द सुनकर उत्तर लिखें।

2. निम्नलिखित शब्दों के अर्थ लिखें : (10\*1/2=5)

रफूचक्कर, पोस्टिंग, ठिकरी, शूल, अधसूखी, शोरबा, मसि, लफ्ज, सुत, फिटन, वनिता

3. निम्नलिखित प्रश्नों के उत्तर संक्षेप में दीजिए : (1\*4=4)

क) यह विश्व किसे भुला देता है? सिपाही कविता के आधार पर बताइए।

ख) बहरमन की अनोखी कलाकृति कौन सी थी?

ग) लौकी से कौन-कौन से व्यंजन बनाए जाते हैं?

घ) अमीन को अपने बेटे पर गर्व क्यों था ?

4. निम्नलिखित प्रश्नों के उत्तर विस्तार से दीजिए: (2\*4=8)

क) चलते समय अमीन ने लेखक को क्या दिया ? क्यों?

ख) डेंटिस्ट ने पेट दर्द का क्या इलाज बताया?

ग) तुंबा आर्ट क्या है ? बस्तर के आदिवासी इस कला का प्रयोग कहां और कैसे करते हैं?

घ) बीमार लोगों पर दवाई असर कब नहीं करती?

ङ) सेठ जी को अंधी को लेने क्यों जाना पड़ा?

5. निम्नलिखित गद्यांश को पढ़कर पूछे गए प्रश्नों के उत्तर दीजिए: (4)

तुंबा का फूट जाना अर्थात् अनर्थ होना। एक कहावत प्रचलित है- 'तूमा गला फूटी, देव गला उठी' अर्थात् किन्हीं अपरिहार्य कारणों से यदि तुंबा फूट जाता है तो लोक जीवन में समझा जाता है कि उनके देवी-देवता उनसे रुष्ट हो गए हैं, तुंबा उनके जीवन में 'देवतुल्य' माना जाता है।

क. लोक जीवन में तुंबा के फूट जाने का क्या अर्थ होता है ?

ख. तुंबा से जुड़ी क्या कहावत है ?

ग. तुंबा को क्या माना जाता है ?  
घ. अपरिहार्य का अर्थ बताइए।

6. पाठ्यपुस्तक संबंधी व्याकरण: (2\*5=10)

निर्देशानुसार उत्तर दो ( कोई पांच भाग करो)

क) दो दो पर्यायवाची लिखिए: (2)

नौकर, फूल

ख) निम्नलिखित वाक्यों को बहुवचन में बदलकर पुनः लिखिए: (2)

- शाम होने पर पता बेल पर ज्यों का त्यों लगा हुआ था ।
- मैं जान गई हूँ कि मरने की बात करना बुरी बात है।

ग) विलोम शब्द लिखिए : (2)

सफेद , हँसना

घ) निम्नलिखित भिन्नार्थक शब्दों का अर्थ के आधार पर वाक्य निर्माण करें: (2)

- नारी ( स्त्री ) - नाड़ी ( नब्ज़ )
- हंस ( एक पक्षी ) - हँस ( हँसना )

ड) निम्नलिखित शब्दों की भाववाचक संज्ञा बनाइए: (2)

पागल , चालाकी

च) • निम्नलिखित शब्दों में 'दार' प्रत्यय लगाकर विशेषण बनाइए: (1/2+1/2=1)

पहरा , जिम्मा

• सही कारक चिन्ह भरकर वाक्य पूरे करो (1/2+1/2=1)

\* मैंने दुकान..... सीढ़ियों पर कदम बढ़ाए।

\* .....यह क्या कर रहे हैं आप? आप तो मुझसे बड़े हैं।

7. निम्नलिखित शब्दों का वाक्य में इस प्रकार प्रयोग कीजिए कि अर्थ स्पष्ट हो जाए: (5)

जोश , दिलचस्पी , दर्दनाक , मायूस , प्रकोप , न्योछावर

8. व्यवहारिक व्याकरण: (2\*6=12)

\* निर्देशानुसार उत्तर दो : (कोई छः भाग करो)

क. निम्नलिखित शब्दों का समास - विग्रह कीजिए: (2)

त्रिफला, वनगमन

ख. निम्नलिखित श्रुतिसम भिन्नार्थक शब्दों के अर्थ लिखिए: (2)

- उपकार                      • निधन
- अपकार                      निर्धन

ग. निम्नलिखित वाक्यों में लिंग परिवर्तन करके वाक्य पुनः लिखें: (2)

- गुणवती बहू पाकर माता-पिता धन्य हो गए।
- पंडित में पूजा की सामग्री एकत्रित की।

घ. निम्नलिखित उपसर्ग लगाकर दो- दो शब्द बनाइए:

वि, कम

ड. निम्नलिखित उपसर्ग लगाकर दो- दो नए शब्द बनाइए: (2)

प्रति , हम

च. विलोम शब्दों के द्वारा रिक्त स्थान भरिए:

आज के जमाने में रक्षक ही..... बने हुए हैं।

मनुष्य को ज्ञान और ..... रखनी चाहिए।

छ. निम्नलिखित शब्दों के दो - दो पर्यायवाची शब्द लिखिए:

अनुचर , ईर्ष्या

9. निम्नलिखित मुहावरों के अर्थ लिखकर उनका वाक्य में प्रयोग कीजिए: (2\*3=6)

आड़े हाथों लेना, चेहरे पर हवाइयां उड़ना , दाने-दाने को मोहताज होना, आस्तीन का सांप होना।

10. रचनात्मक लेखन(20)

क) अपने क्षेत्र में फैली गंदगी तथा सफाई कर्मचारी की लापरवाही के प्रति नगर निगम अधिकारियों का ध्यान आकृष्ट करने के लिए किसी समाचार पत्र के संपादक को पत्र लिखो । (6)

अथवा

अपने स्कूल के प्रधानाचार्य को एक पत्र लिखिए जिसमें स्कूल के बाहर जंक फूड के ठेलों और खोमचे वालों को हटाने का अनुरोध किया गया हो ।

ख) निम्नलिखित विषयों पर एक एक आकर्षक नारा बनाइए:(2+2)

- भारतीय त्योहारों पर
- वृक्षारोपण पर

ग) कपड़े धोने वाले साबुन की बिक्री के लिए एक आकर्षक विज्ञापन तैयार करो।(5)

घ) आज स्कूल से वापस आते समय आपके सामने एक दुर्घटना हो गई जिसमें एक व्यक्ति बुरी तरह से घायल हो गया और सभी लोगों ने उसे अस्पताल पहुंचाया । आपने जीवन में पहली बार ऐसी दुर्घटना को देखा तो आपके मन पर इसका जो प्रभाव पड़ा, उस पर डायरी लेखन कीजिए।

अथवा

कविता प्रतियोगिता में प्रथम आने पर होने वाली खुशी को व्यक्त करते हुए डायरी लेखन कीजिए।(5)

## Term 1 social science

### Q. 1 Tick the correct answer. 1\*8=8

1. Which of these is not a fossil fuel?  
a. Coal b. Petroleum c. Natural gas  
d. firewood.
2. The Indigo Rebellion started in  
a. Bengal b. Bihar c. Orissa d. Dhaka
3. The use of EVMs in 1,50,000 trees which would have been cut to produce 8000 tons of paper.  
a. 2003 b. 2002 c. 2004 d. 2005.
4. Which one of the following method is most appropriate to check soil erosion on steep slopes?  
a. Shelter belt b. Mulching c. Terrace cultivation d. Intercropping.
5. A public meeting was held 13th April at Jallianwala Bagh  
a. Aligarh b. Allahabad c. Amritsar d. Ahmedabad.
6. The third battle of Panipat was fought in  
a. 1782 b. 1761 c. 1849 d. 1856
7. The law cannot discriminate between person on the basis of a. religion b. caste c. gender  
d. all of the above.
8. Biotic resources are  
a. Derived from the living things  
b. Made by human beings  
c. Derived from non living things  
d. None of these

### Q2. Fill in the blanks(1\*8=8) (Do any 8 )

1. \_\_\_ and river valleys offer suitable land for agriculture.
2. Government school cannot promote any \_\_\_\_\_ religion in their morning prayers.
3. James Renal produced the first map of Hindustan in -----
4. \_\_\_ is in charge of making laws.
5. Wind is an \_\_\_\_\_ of source of energy.
6. \_\_\_\_\_ is mass movement of rock debris or earth down a slope.
7. The tribal people practiced \_\_\_\_\_ cultivation
8. Using resources carefully and giving them time to get renewed is called resource \_\_\_\_\_.
9. India became independent on \_\_\_\_\_.

### Q 3. Write 'true 'or 'false' against each of the following statements. 1\*8=8

1. Iron ore is an ubiquitous resource( )
2. The Indigo rebellion started in Bengal in March 1857. ( )
3. Vanmahotsava should be encourage in order to conserve forests. ( )
4. The British wanted to preserve the tribal way of life. ( )
5. The Civil Rights act in 1964 prohibited discrimination on the basis of race in the USA. ( )
6. Minerals that lie at shallow depth are taken out by open- cast mining.
7. The Battle of Plassey was fought in 1756 ( )
8. The total strength of Lok Sabha is 600. ( )

### Q4. Match the following(1\*8=8)

1. biogas ( a) a unit of measurement of land

- 2.Criminal Court (b)conservation of water
- 3 Bigha ( b)faujdari Adalat
- 4.Rainwater harvesting (d)  
animal dung
- 5 General Dyer (e)Sansad Bhavan
- 6 Parliament House (f)band by Indian constitution
7. Untouchability (g)Jallianwala Bagh
- 8.Geothermal energy(h) Manikaran

**Q5.Put cross against wrong statement.(1\*3=3)**

- 1.a. Soils are abiotic resources  
b.Rock are abiotic resources c.Minerals are abiotic resources d.Animals are abiotic resources
- 2.2.a Plassey is an anglicised pronunciation of plashi.  
b. It is beautiful red flower.  
c. Its from the rose family.  
d. Its name drived from plash tree.
3. a.Conversion sources of energy are those that have been in use from ancient times  
b.Except water,conversion sources of energy are exhaustible.  
c.They are generation and use of involves huge cost  
d They are generally pollution free

**Q6.Very short type questions. (1\*8=8)**

- 1 What is geothermal energy?
- 2 Define the 'Rule of law'
- 3 Who was the first Governor -General of India?.
- 4 What do you mean by natural resources?
5. Write the names of any two non secular or Pro religion state or countries.
- 6 Who was Lord Cornwallis?
7. Is there Parliamentary or a Presidential form of government in India?
8. Name any two steps the government has taken to conserve plant animal.

**Q7 Short answer type questions.2\*7=14 Do any 7.**

- 1.Mention the two main systems of Indigo cultivation.
- 2.Petroleum is called 'black gold'. Give reason.
3. Explain the Sedition Act of 1870.
4. What do you understand by the term 'Doctrine of lapse'?
5. What are forest fire?List out various cause of forest fires?
- 6 Give one reason why you think there should be Universal adult franchise?
- 7 What sources did historians use in writing the Indian history?
8. What is the essence of secularism?

**Q8.Long answer type questions.3\*5=15 ( Do any 5)**

1. Which non conventional source of energy is clean,cheap and available everywhere.
- 2 Describe the main feature of the Permanent settlement.
- 3.Describe the function of the Indian Parliament.
- 4.What is the necessity of separating religion from the state?
- 5.Differentiate between Fundamental rights and Fundamental duties.
6. Classify natural resources on the basis of level of development and use origin and distribution.

**Q9. Map work :-1\*5=5**

In the world's map, mark any five continents out of seven continents.

**Q10 Picture. 1\*3=3**



Look at the picture and answer the following questions.

1. What kind of landform is it?

Ans. \_\_\_\_\_

2. What is the method of farming called?

Ans. \_\_\_\_\_

3. How does it help in soil conservation?

Ans. \_\_\_\_\_



**Bhagwan Mahaveer Public Sr. Sec. School, Banga**  
**Class 8th**

**Subject: AI Term - I (2022-23)**

**M.M:80**

**Note: All questions are compulsory.**

**I. Fill in the blanks: (5x2=10)**

- a) MS Excel is an example of \_\_\_\_\_ database.
- b) \_\_\_\_\_ is regarded as one of the founding fathers of AI.
- c) \_\_\_\_\_ is a database object used to retrieve data table.
- d) Tesla has introduced Tesla Bot named \_\_\_\_\_.
- e) Right to food and nutrition is necessary to achieve \_\_\_\_\_.

**II. True/ False: (7x1=7)**

1. A Primary key of another table is called foreign key.
2. A pencil icon indicates the edit mode in Access 2016.
3. Parameter is a type of query.
4. Once a Form is created, it cannot be edited.
5. Weak AI systems cannot perform complex tasks.
6. IoT is used to make electronic devices smarter.
7. IBM's Watson is an example of AI usage in travel industry.

**III. MCQ: (7x1=7)**

- a) Which component of Access 2016 Windows displays the objects of current database?  
i) Status bar    ii) Navigation pane    iii) Work area
- b) Which of the following icons indicates that the particular field is set as the primary Key?  
i) Pencil Icon    ii) Key Icon    iii) Lock Icon
- c) Which of the following is not a type of database?  
i) Relational    ii) Flat File    iii) Folder
- d) Which view allows the user to change the appearance of Form  
i) Layout    ii) Print Preview    iii) Form
- e) Which of the following domains of AI do digital voice assistance use?  
i) Computer vision    ii) Data    iii) NLP
- f) Alphabet has created its own artificial intelligence processor called  
i) CPU    ii) APU    iii) TPU
- g) Which of the following goal aims to eliminate all forms of gender discrimination

i) Goal 5

ii) Goal 12

iii) Goal 17

**IV. 2 Marks Question/Answer**

**(6x2=12)**

- a) What is query in Access?
- b) Name any two industries where AI is used. Give one Example of each.
- c) How AI can be used to achieve SDG? Explain in context of any one SDG.
- d) Explain the term report?
- e) What do you understand by a smart city? List three features of a smart city.
- f) What do you understand by data types.

**V. 3 Marks Question Answer**

**(6x3=18)**

- a) Differentiate between flat file and relational database.
- b) Define Primary key. How does the primary key help in organizing database.
- c) How are objects like query, report and form beneficial in creating and organizing database.
- d) Differentiate between weak AI and strong AI.
- e) List two threats and opportunities that AI presents?
- f) Explain how sustainable development goals are inter linked and integrated.

**VI. Expand the Following:**

**(5X2=10)**

- 1. NLU
- 2. ICT
- 3. ANI
- 4. DBMS
- 5. CV

**VII. Shortcut Keys**

**(1x6=6)**

- 1. Open new file
- 2. Select all text
- 3. Create a New Folder
- 4. Underline text
- 5. Delete folder permanently
- 6.Center Align text

**8. Matching**

**(5x2=10)**



Clean Water and Sanitation



Gender Equality



Life on Land



Zero Hunger



Quality Education



# Bhagwan Mahaveer Public Sr Sec. School, Banga

Term 1

Class:- 8th

Subject:- Punjabi

ਸਮਾਂ:- 3 ਘੰਟੇ

ਕੁੱਲ ਅੰਕ:- 80

1. ਹੇਠ ਲਿਖੇ ਪੈਰੇ ਨੂੰ ਧਿਆਨ ਨਾਲ ਪੜ੍ਹ ਕੇ ਪੁੱਛੇ ਗਏ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ ਲਿਖੋ:-

(1x6=6)

(A) ਇੱਕ ਦਿਨ ਸ੍ਰੀ ਗੁਰੂ ਗੋਬਿੰਦ ਸਿੰਘ ਜੀ ਘੋੜੇ 'ਤੇ ਸਵਾਰ ਹੋ ਕੇ ਅਨੰਦਪੁਰ ਸਾਹਿਬ ਤੋਂ ਧਿਆਨ ਵਿੱਚ ਲੀਨ ਸੁਜਾਨ ਰਾਇ ਦੀ ਝੋਪੜੀ ਅੱਗੇ ਆ ਪਹੁੰਚੇ। ਘੋੜਾ ਬਾਹਰ ਬੰਨ੍ਹ ਕੇ ਗੁਰੂ ਜੀ ਨੇ ਭਾਈ ਸੁਜਾਨ ਰਾਇ ਦੀ ਝੋਪੜੀ ਦਾ ਦਰਵਾਜ਼ਾ ਖੋਲ੍ਹਿਆ ਪਰ ਸੁਜਾਨ ਰਾਇ ਗੁਰੂ ਧਿਆਨ ਮੂਰਤ ਵਿੱਚ ਮਘਨ ਸਮਾਧੀ ਵਿੱਚ ਲੀਨ ਸੀ। ਗੁਰੂ ਜੀ, ਉਸ ਦੇ ਸਾਹਮਣੇ ਪਈ ਚੰਦਨ ਦੀ ਚੌਕੀ ਉੱਪਰ ਬਿਰਾਜਮਾਨ ਹੋ ਗਏ। ਥੋੜ੍ਹਾ ਸਮਾਂ ਬੀਤਣ ਤੋਂ ਬਾਅਦ ਗੁਰੂ ਜੀ ਨੇ ਸੁਜਾਨ ਰਾਇ ਦੇ ਅੰਦਰ ਜੋ ਗੁਰੂ ਮੂਰਤ ਬਣੀ ਹੋਈ ਸੀ, ਉਸ ਨੂੰ ਖਿਚ ਲਿਆ। ਸੁਜਾਨ ਰਾਇ ਤ੍ਰਬਕਿਆ, ਅੱਖਾਂ ਖੋਲ੍ਹੀਆਂ ਅਤੇ ਆਪਣੇ ਸਾਹਮਣੇ ਗੁਰੂ ਜੀ ਦੇ ਪ੍ਰਤੱਖ ਦਰਸ਼ਨ ਕਰਕੇ ਗੁਰੂ ਜੀ ਦੇ ਚਰਨਾਂ ਨਾਲ ਲਿਪਟ ਗਿਆ। ਇਨੇ ਹੀ ਸਮੇਂ ਸੁਜਾਨ ਰਾਇ ਨੂੰ ਬਾਹਰੋਂ ਇੱਕ ਵਿਆਕੁਲ ਕੂਕ ਸੁਣਾਈ ਦਿੱਤੀ। ਮਨ ਦੀ ਦੁਬਿਧਾ ਨੂੰ ਦੂਰ ਕਰਕੇ ਸੁਜਾਨ ਰਾਇ ਨੇ ਦੁਖੀ-ਦਰਦੀ ਨਾਲ ਹੁਕਮ ਮੰਨਣ ਵਾਲੀ ਕਾਰ ਨੂੰ ਪਹਿਲ ਦਿੱਤੀ। ਗੁਰੂ ਜੀ ਨੂੰ ਸੀਸ ਨਿਵਾ ਕੇ ਦੁਖੀਏ ਲੋੜਵੰਦ ਦੇ ਨਾਲ ਤੁਰ ਪਿਆ। ਸ੍ਰੀ ਗੁਰੂ ਗੋਬਿੰਦ ਸਿੰਘ ਜੀ ਉਸ ਧਿਆਨ ਵਿੱਚ ਮਘਨ ਬਿਰਤੀ ਵਿੱਚ ਚੌਕੀ ਉੱਪਰ ਹੀ ਬਿਰਾਜੇ ਰਹੇ।

ਪ੍ਰਸ਼ਨ:-

1. ਗੁਰੂ ਗੋਬਿੰਦ ਸਿੰਘ ਜੀ ਘੋੜੇ 'ਤੇ ਸਵਾਰ ਹੋ ਕੇ ਕਿੱਥੇ ਆ ਪਹੁੰਚੇ?
2. ਗੁਰੂ ਜੀ ਨੇ ਘੋੜਾ ਕਿੱਥੇ ਬੰਨ੍ਹ ਦਿੱਤਾ?
3. ਕਿਸ ਨੇ ਤ੍ਰਬਕ ਕੇ ਅੱਖਾਂ ਖੋਲ੍ਹੀਆਂ?
4. ਗੁਰੂ ਜੀ ਕਿਸ ਬਿਰਤੀ ਵਿੱਚ ਬੈਠੇ ਰਹੇ?
5. ਥੋੜ੍ਹਾ ਸਮਾਂ ਬੀਤਣ ਬਾਅਦ ਗੁਰੂ ਜੀ ਨੇ ਕੀ ਬਾਹਰ ਖਿੱਚ ਲਿਆ?
6. ਉਪਰੋਕਤ ਪੈਰੇ ਵਿੱਚ ਕਿਸ ਗੁਰੂ ਸਾਹਿਬਾਨ ਦਾ ਜ਼ਿਕਰ ਹੈ?

2. ਹੇਠ ਲਿਖੀ ਕਾਵਿ ਟੁਕੜੀ ਨੂੰ ਧਿਆਨ ਨਾਲ ਪੜ੍ਹ ਕੇ ਪੁੱਛੇ ਗਏ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ ਲਿਖੋ:-

(1x4=4)

(B) ਕਲਗੀਧਰ ਨੇ ਵੰਸ਼ ਵਾਰਿਆ, ਸੁੱਤੀ ਕੌਮ ਜਗਾਉਣੇ ਲਈ।

ਮੁਗਲ ਹਕੂਮਤ ਦੇ ਮਹਿਲਾਂ ਦੀ, ਇੱਟ ਨਾਲ ਇੱਟ ਖੜਕਾਉਣੇ ਲਈ।

'ਦਾਗੀ' ਦਾ ਦਿਲ ਖਾਏ ਉਬਾਲੇ, ਪੜ੍ਹ-ਪੜ੍ਹ ਕੇ ਤਹਿਰੀਰਾਂ ਨੂੰ।

ਨਾਲ ਲਹੂ ਦੇ ਲਿਖ ਗਏ ਜਿਹੜੇ, ਕੌਮ ਦੀਆਂ ਤਕਦੀਰਾਂ ਨੂੰ।

ਪ੍ਰਸ਼ਨ:-

- i. ਕੌਮ ਦੇ ਲਈ ਵੰਸ਼ ਕਿਸ ਨੇ ਵਾਰਿਆ?
- ii. ਕਿਸ ਹਕੂਮਤ ਦੀ ਇੱਟ ਨਾਲ ਇੱਟ ਖੜਕਾ ਦਿੱਤੀ?
- iii. ਲਹੂ ਨਾਲ ਕੀ ਲਿਖ ਦਿੱਤਾ ਗਿਆ?
- iv. ਕਲਗੀਧਰ ਸ਼ਬਦ ਦਾ ਅਰਥ ਲਿਖੋ।

3. ਹੇਠ ਲਿਖੇ ਬਹੁ ਵਿਕਲਪੀ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਸਹੀ ਉੱਤਰ ਦੀ ਚੋਣ ਕਰਕੇ ਲਿਖੋ:-

(1x 5=5)

1. ਸ੍ਰੀ ਗੁਰੂ ਅਰਜਨ ਦੇਵ ਜੀ ਨੇ ਕਿਹੜੇ ਵਚਨ ਉਚਰੇ ਸਨ?

i. ਤੇਰਾ ਭਾਣਾ ਮੀਠਾ ਲਾਗੈ

ii. ਤੂੰ ਹੀ ਤੂੰ

iii. ਸਤਿ ਸ੍ਰੀ ਅਕਾਲ

II. ਜੰਗਲ ਦੀ ਅੱਗ ਨੂੰ ਕੋਣ ਬੁਝਾਉਣ ਦੀ ਕੋਸ਼ਿਸ਼ ਕਰ ਰਿਹਾ ਸੀ?

i. ਮਨਦੀਪ

ii. ਚਿੜੀ

iii. ਰਮਣੀਕ

III. ਸਾਡੇ ਦੁਆਰਾ ਖਰੀਦੀਆਂ ਗਈਆਂ ਵਸਤੂਆਂ ਦਾ ਟੈਕਸ ਕਿੱਥੇ ਭਰਿਆ ਜਾਂਦਾ ਹੈ?

i. ਬੈਂਕਾਂ ਵਿੱਚ

ii. ਸਰਕਾਰੀ ਦਫ਼ਤਰਾਂ ਵਿੱਚ

iii. ਸਰਕਾਰੀ ਖ਼ਜ਼ਾਨੇ ਵਿੱਚ

IV. ਪਾਣੀ ਤੋਂ ਬਿਨਾਂ ਕੀ ਸੰਭਵ ਨਹੀਂ ਹੈ?

i. ਜੀਵਨ

ii. ਸਿੰਗਾਰ

iii. ਪ੍ਰਦੂਸ਼ਣ

V. ਕਾਬੁਲੀਵਾਲਾ ਕਹਾਣੀ ਦਾ ਰਚਨਾਕਾਰ ਕੋਣ ਹੈ?

i. ਬਲਵੰਤ ਗਾਰਗੀ

ii. ਰਬਿੰਦਰਨਾਥ ਟੈਗੋਰ

iii. ਮੁਨਸ਼ੀ ਪ੍ਰੇਮ ਚੰਦ

4. ਹੇਠ ਲਿਖੇ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ ਇੱਕ ਸ਼ਬਦ ਜਾਂ ਇੱਕ ਵਾਕ ਵਿੱਚ ਲਿਖੋ:- (1x5=5)

i. ਬਚਪਨ ਤੋਂ ਹੀ ਸਵਾਮੀ ਵਿਵੇਕਾਨੰਦ ਜੀ ਕਿਹੋ ਜਿਹੀ ਬੁੱਧੀ ਦੇ ਮਾਲਕ ਸਨ?

ii. ਸਾਇਕਲ ਦੌੜ ਵਿੱਚ ਕੋਣ ਜੇਤੂ ਰਿਹਾ?

iii. ਸਾਧੂ ਅਨੁਸਾਰ ਧੰਨ ਦੋਲਤ ਕੀ ਹੈ?

iv. ਸੋਨੂੰ ਕਿਸ ਦੇ ਵਾਰ ਵਾਰ ਕਹਿਣ 'ਤੇ ਵੀ ਰੋਟੀ ਨਹੀਂ ਸੀ ਖਾ ਰਿਹਾ?

v. ਸ਼੍ਰੀ ਗੁਰੂ ਤੇਗ ਬਹਾਦਰ ਜੀ ਦੀ ਸ਼ਰਨ ਵਿੱਚ ਕੋਣ ਆਏ ਸਨ?

5. ਹੇਠ ਲਿਖੇ ਪ੍ਰਸ਼ਨਾਂ ਵਿੱਚੋਂ ਕਿਸੇ ਚਾਰ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ 25-30 ਸ਼ਬਦਾਂ ਵਿੱਚ ਲਿਖੋ:- (2x4=8)

i. ਮਨਦੀਪ ਦੇ ਦੇਸ਼ ਦਾ ਕੀ ਨਾਂ ਸੀ, ਉਹ ਸਕੂਲ ਕਿਉਂ ਨਹੀਂ ਸੀ ਆ ਰਿਹਾ?

ii. ਤਿੰਨੋਂ ਦੇਸ਼ਾਂ ਕਿੱਥੇ ਜਾ ਰਹੇ ਸਨ ਅਤੇ ਉਨ੍ਹਾਂ ਨੂੰ ਰਾਹ ਵਿੱਚ ਕੋਣ ਮਿਲਿਆ?

iii. ਪਾਣੀ ਨੂੰ ਵਡਮੁੱਲੀ ਦਾਤ ਕਿਉਂ ਕਿਹਾ ਜਾਂਦਾ ਹੈ?

iv. ਕਾਬੁਲੀਵਾਲਾ ਮਿੰਨੀ ਨੂੰ ਇੰਨਾ ਪਿਆਰ ਕਿਉਂ ਕਰਦਾ ਸੀ?

v. ਜਿੱਤ ਕਹਾਣੀ ਤੋਂ ਕੀ ਸਿੱਖਿਆ ਮਿਲਦੀ ਹੈ?

6. ਹੇਠ ਲਿਖੀਆਂ ਖ਼ਾਲੀ ਥਾਂਵਾਂ ਭਰੋ:- (1x 4=4)

i. ਕਾਬੁਲੀਵਾਲੇ ਨੇ ਮੌਢੇ ਉੱਤੇ ਸੁੱਕੇ ਮੇਵਿਆਂ ਦੀ \_\_\_\_\_ ਲਟਕਾਈ ਹੋਈ ਸੀ।

ii. ਸਿਪਾਹੀ ਦੇ ਹੱਥ ਵਿੱਚ ਲਹੂ ਨਾਲ ਲਿੱਬੜਿਆ ਹੋਇਆ \_\_\_\_\_ ਸੀ।

iii. ਸਵਾਮੀ ਵਿਵੇਕਾਨੰਦ ਜੀ ਨੇ 25 ਸਾਲ ਦੀ ਉਮਰ ਵਿੱਚ \_\_\_\_\_ ਲੈ ਲਿਆ।

iv. ਕਈ ਰੰਗ ਸਿਹਤ ਲਈ \_\_\_\_\_ ਹੁੰਦੇ ਹਨ।

7. ਹੇਠ ਲਿਖੇ ਸ਼ਬਦਾਂ ਦੇ ਵਾਕ ਬਣਾਓ:- (1x5=5)

i. ਸੁਨੇਹਾ

ii. ਉਤਸੁਕਤਾ

iii. ਆਤਸ਼ਬਾਜ਼ੀ

iv. ਕੁਦਰਤ

v. ਸੰਕਟ

8. ਹੇਠ ਲਿਖੇ ਸ਼ਬਦਾਂ ਦੇ ਅਰਥ ਲਿਖੋ:- (1x5=5)

i. ਅਮੁੱਲੀ

ii. ਮੇਵੇ

iii. ਪੁਸ਼ਾਕ

iv. ਮਿਸਾਲ

v. ਪ੍ਰਕਾਸ਼

vi. ਵੰਸ਼

9. ਪਾਠ ਪੁਸਤਕ ਅਧਾਰਿਤ ਵਿਆਕਰਨ ਭਾਗ:- (1x2=2)

(I) ਹੇਠਾਂ ਲਿਖੇ ਸ਼ਬਦਾਂ ਵਿੱਚੋਂ ਕਿਸੇ ਦੋ ਸ਼ਬਦਾਂ ਦੇ ਦੋ - ਦੋ ਸਮਾਨਅਰਥਕ ਸ਼ਬਦ ਲਿਖੋ:-

- i. ਐਰਤ                      ii. ਪਿਤਾ                      iii. ਰੈਸ਼ਨੀ

(II) ਬਹੁਤੇ ਸ਼ਬਦਾਂ ਲਈ ਇੱਕ ਸ਼ਬਦ ਕੋਈ ਦੋ ਲਿਖੋ:- (1x2=2)

- i. ਮਨ ਵਿੱਚ ਤੀਬਰ ਇੱਛਾ ਜਾਗਣਾ:-  
ii. ਹਰ ਇੱਕ ਦੇ ਕਹੇ ਲੱਗਣ ਵਾਲਾ:-  
iii ਦੇਸ਼ ਕੋਮ ਲਈ ਜਾਨ ਵਾਰਨ ਵਾਲਾ:-

(III) ਹੇਠ ਲਿਖੇ ਸ਼ਬਦਾਂ ਦੇ ਉਲਟ ਭਾਵੀ ਅਰਥ ਲਿਖੋ:- (1x3=3)

- i. ਸਰਦੀ                      ii. ਪਿੱਛੇ                      iii. ਬੇਈਮਾਨ

(IV) ਹੇਠ ਲਿਖੇ ਸ਼ਬਦਾਂ ਨੂੰ ਸੁੱਧ ਕਰਕੇ ਲਿਖੋ:- (1x3=3)

- i. ਬੁਰਆ                      ii. ਨੁਕਸਾਨ                      iii. ਜਾਵੂੰ

10. ਵਿਵਹਾਰਿਕ ਵਿਆਕਰਨ:- (1X 10=10)

(I) ਕਿਰਿਆ ਵਿਸ਼ੇਸ਼ਣ ਦੀਆਂ ਕਿੰਨੀਆਂ ਕਿਸਮਾਂ ਹਨ?

- i. ਪੰਜ                      ii. ਅੱਠ                      iii. ਸੱਤ

(II) "ਤਕੜਾ" ਸ਼ਬਦ ਦਾ ਵਿਰੋਧੀ ਸ਼ਬਦ ਕਿਹੜਾ ਹੈ?

- i. ਤਕੜੀ                      ii. ਮਾੜਾ                      iii. ਕਠੋਰ

(III) " ਈਦ ਦਾ ਚੰਨ ਹੋਣਾ" ਮੁਹਾਵਰੇ ਦਾ ਸਹੀ ਅਰਥ ਲਿਖੋ।

- i. ਬਹੁਤ ਦੇਰ ਬਾਅਦ ਮਿਲਣਾ  
ii. ਇਕੱਠੇ ਹੋਣਾ  
iii. ਸਭ ਨੂੰ ਇਕੋ ਜਿਹਾ ਸਮਝਣਾ

(IV) "ਉਪ" ਅਗੇਤਰ ਨਾਲ ਬਣਿਆ ਸਹੀ ਸ਼ਬਦ ਚੁਣੋ:-

- i. ਉਪਮਾ                      ii. ਉਪਬੋਲੀ                      iii. ਉਪਰ

(V) "ਡੰਡੀ" ਦਾ ਇਕ ਅਰਥ ਹੈ ਛੋਟਾ ਰਾਹ ਇਸ ਦਾ ਦੂਜਾ ਅਰਥ ਕੀ ਹੋਵੇਗਾ?

- i. ਕਮਾਈ                      ii. ਫੁੱਲ ਦੀ ਟਾਹਣੀ                      iii. ਭਾਂਡਾ

(VI) ਸੁੱਧ ਸ਼ਬਦ ਜੋੜ ਚੁਣੋ?

- i. ਜਾਲਮ                      ii. ਜਾਲਿਮ                      iii. ਜਾਲਮ

(VII) ਇਸ ਵਿਸ਼ਰਾਮ ਚਿੰਨ ਦਾ ਨਾਮ ਦੱਸੋ:- "?"

- i. ਵਿਸਮਿਕ -ਚਿੰਨ੍ਹ                      ii. ਡੰਡੀ                      iii. ਪ੍ਰਸ਼ਨ -ਚਿੰਨ੍ਹ

(VIII) ਕਾਰਨ -ਵਾਚਕ ਕਿਰਿਆ ਵਿਸ਼ੇਸ਼ਣ ਨਾਲ ਸਬੰਧਤ ਸ਼ਬਦ ਚੁਣੋ ?

- i. ਇਧਰ-ਉਧਰ                      ii. ਤੇਜ਼, ਹੌਲੀ                      iii. ਇਸੇ ਲਈ, ਤਾਂ ਕਿ

(IX) "ਮੁਹਾਵਰੇ ਨੂੰ ਪੂਰਾ ਕਰੋ:- "ਹੱਥ\_\_\_\_\_ਕਰਨੇ "

i. ਹਰੇ                      ii. ਪੀਲੇ                      iii. ਸੁੱਕੇ।

(X) ਅਮਨ ਅਤੇ ਚੈਨ ਦਾ ਸਹੀ ਸਮਾਸੀ ਸ਼ਬਦ ਚੁਣੋ:-

i. ਅਮਨ ਚੈਨ              ii. ਅਮਨ ਤੇ ਚੈਨ              iii. ਅਮਨ- ਚੈਨ

10. ਤੁਸੀਂ ਨਵਾਂ ਜੂਸ -ਬਾਰ ਖੋਲ੍ਹਿਆ ਉਸ ਲਈ ਅਕਰਸ਼ਕ ਇਸ਼ਤਿਹਾਰ ਤਿਆਰ ਕਰੋ।

ਜਾਂ

ਤੁਸੀਂ ਆਪਣੀ ਪੁਰਾਣੀ ਕਾਰ ਵੇਚਣੀ ਹੈ ਇਸਦੇ ਲਈ ਇਸ਼ਤਿਹਾਰ ਤਿਆਰ ਕਰੋ।

(5)

11. ਤੁਹਾਡਾ ਮੋਬਾਇਲ ਫੋਨ ਗੁਆਚ ਗਿਆ ਹੈ। ਇਸ ਦੀ ਰਿਪੋਰਟ ਨੇੜੇ ਦੇ ਥਾਣੇ ਵਿਚ ਦਰਜ ਕਰਾਉਣ ਲਈ ਇੱਕ ਪੱਤਰ ਲਿਖੋ।

ਜਾਂ

ਤੁਹਾਡੇ ਇਲਾਕੇ ਵਿੱਚ ਲੁੱਟ-ਖੋਹ ਅਤੇ ਗੁੰਡਾਗਰਦੀ ਦੀਆਂ ਵਾਰਦਾਤਾਂ ਵਧ ਰਹੀਆਂ ਹਨ। ਇਸ ਸੰਬੰਧੀ ਪੁਲਿਸ ਕਮਿਸ਼ਨਰ ਨੂੰ ਇੱਕ ਪੱਤਰ ਲਿਖੋ। (7)

12. ਹੇਠ ਲਿਖੇ ਵਿਸ਼ਿਆ ਵਿਚੋਂ ਕਿਸੇ ਇਕ ਵਿਸ਼ੇ ਤੇ ਇੱਕ ਲੇਖ ਲਿਖੋ

(6)

ਸ੍ਰੀ ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਜੀ

ਜਾਂ

ਸਵਾਮੀ ਵਿਵੇਕਾਨੰਦ ਜੀ।

**Section - A**

**1. Read the following passage and Answer the following question**

**(8x1=8)**

1. Wang Sun was a fabulously wealthy merchant. But he wasn't born with a silver spoon in his mouth. For years he struggled, battling poverty and creditors, dealing with clients and suppliers and bankers and skeptics. He became rich, slowly and steadily. He now had a magnificent home, carriages, and wore garments and jewellery fit for a king.
2. One day, he heard that all his ships were lost at sea. Wang Sun had raised a lot of money from money lenders and banks to outfit his ships for trade, and overnight, he lost everything to his creditors.
3. His home, his carriages, his magnificent garments and jewellery, his servants and assistants, all disappeared as mist before the sunlight.
4. Wang Sun was now a broken man. "What shall I do," he wailed, "I have lost everything. I cannot go on anymore. Let me kill myself."
5. His wife, who was a very determined woman, said, "You shall do nothing of the sort. We will visit the wise old sage who lives amongst the hills. People say he understands the ways of nature and the ways of man very well. Let us ask him for advice and see what he says."
6. "Is he a money lender? Is he a merchant?" said Wang Sun as he followed his wife up the hill. "How can he help me?"
7. When the Wise Man of the Hills heard Wang Sun's story, he laughed loud and long. Then he said, "Watch."
8. He took a handful of sand and threw it over an ant crawling at his feet. The ant, after a brief struggle, came up out of the sand and again started about his business. The Wise Man again threw a heap of sand on the ant. The ant again struggled for a long time, then finally poked its head out of the heap of sand.
9. "No matter how many times I throw sand over this little fellow, he will struggle out of the heap and go about his business of collecting food. That is his nature. What is your nature, Wang Sun, my boy? You have struggled to reach a position of great wealth and power, but you let only one heap of sand defeat you? The ant does not understand adversity and defeat,



no matter how many times it comes to him. He does what nature meant him to do. Are you a merchant by nature, Wang Sun? Then go, follow your nature and don't come crying to me with little things."

10. Wang Sun went back to the city with renewed hope. In time, he became rich again for he had discovered his nature. He never forgot the Wise Old Man of the Hills, whose name was Confucius.

**Say whether the following statements are True or False.**

1. Wang Sun was born rich and wealthy.
2. One day, all his ships were lost at sea.
3. His wife suggested him to go to the king.
4. Wang Sun was doubtful that the sage could help him.
5. The sage showed him how the ants struggled in each difficulty.


**On the basis of your understanding of the story, complete the following statements :**

1. In order to outfit his ships for trade, Wang Sun raised a lot of money from .....
2. After he lost everything, Wang Sun wanted to .....
3. The sage was truly wise because he understood .....

## 2. Read the following passage and Answer the following question

1. Fifty years ago, people ate ice cream only in summer. Now it is eaten all the year around. It originated in the Orient, centuries before. English schoolboys first tasted it. Marco Polo saw people eating ice cream there and brought back the idea to Italy.



2. From Italy the idea was carried to France. It became very popular in France with the rich, and an effort was even made to keep the recipe a secret from the common people. But, of course, they soon learnt about this delicious new food and ice cream became popular with everyone. Soon it spread all over the world the first factory to manufacture ice cream was started in Baltimore, Maryland, in 1851. However, the real development of ice cream business didn't take place until after 1900 with new developments in refrigeration.
3. The basis of all ice cream is cream, milk or milk solids, sugar, and sometimes eggs. Vanilla, chocolate, berries, fruit ingredients, and nuts are added as flavours. This is the usual proportion of ingredients in ice cream: about 80 to 85 percent cream and milk products, 15 percent sugar, half to four and a half percent flavouring, and three-tenths of one percent stabilizer.
4. A small amount of gelatine is used in order to retain the smoothness of the ice cream by preventing the formation of ice crystals.
5. When you eat one third of a pint of vanilla ice cream, you are getting about as much calcium, protein, and vitamin B as are in half a cup of whole milk/and as much vitamin A and calories as are in one cup of milk.

### 3.1 On the basis of your understanding of the passage answer the following questions :

1. When and where did ice cream originate?
2. How did ice cream become popular across the world?
3. Where was the first ice cream factory started?
4. Why didn't the ice cream business pick up?
5. What ingredients go into the making of an ice cream?
6. What gives smoothness to ice cream?
7. What nutritional values does ice cream have?
8. Find a word from the passage that is similar to 'share/ratio'.

### Section -B

#### Q2 Notice Writing:.

(4m)

Draft a notice in about 50 words to be put up on the school notice board informing the students of 8th to 10th classes about a poster making contest to be held in the school on the topic 'Cracker Free Diwali'. Invent necessary details and sign yourself as Devika/Divyansh, Head girl/Head boy Maharishi Vidhya Mandir school, Noida. (4 m)

Or

As Atul Verma, the school captain of Army Public, Ferozepur, write a notice inviting the students of 8th to 12th classes to attend a motivational lecture to be delivered by Major Arjun Singh, Retd. Army Officer on the topic "Career in Defence Services". Invent details and put the notice in a box.

Q3 As Gurtej Singh, a student of class 8th, write a letter to the principal of your school requesting him to allow you to come to school half an hour late as the roadways bus from your village arrives late. (6m)

Or

Write a letter to the Editor of The Hindustan Times about your irregular and short Water Supply in your locality as in the Summer Season water is of utmost necessity.

**Q4 Read carefully the outlines of a story and develop these outlines into a story. Also suggest a suitable title . (6)**

Supriya----- 8th standard student ---- very bright girl----from childhood---fond of flowers and plants---loved to play in the garden-----very careful about the surroundings --- clean and green--- loved the mother earth---in school she told her friends----at home----her parents----wanted to make the earth---- from pollution----every month she planted one tree or flowering plant--- a good well kept garden---gardener also helped her--- severe draught -----everywhere but from her school to home----it rained----reward by principal,----all praised her.

**Read carefully the outlines of the story and develop these outlines into a story. Also suggest a suitable title. (6)**

I was nervous & scared i heard someone call my name.....

**Q5 Write a paragraph on “ A Person you admired the most”. (7)**

Or

Write a paragraph on” Value of News paper Reading”.

### Section -C

**Q6 Fill in the blanks with appropriate determiners with few, a Few ,the few : ( ½×6=3)**

- (i) ----- women can keep secrets.
- (ii) ----- clothes he had, all burnt in fire.
- (iii) ----- students secured more than 80% marks in Physics.

**Fill in the blanks with suitable Articles:**

Fashions have become ----- important part of ----- modern man’s life They are ---- Craze with the young children.

**(B) Fill in the blanks with appropriate form of the verb: 1×3=3**

- i. The farmers------(plough) all their fields before the monsoon reaches. (Will have ploughed/shall have ploughed)
- ii. I----a coat because it is very cold today. (wears/wear)
- iii. She (play) tennis since morning. (Has been playing/has played)

**C. Fill in the blanks with suitable modals. 1×3=3**

- i. ----- I borrow your golden necklace.
- ii. He --- read without glasses.
- iii. We ----to respect our parents.

**D. Choose the right options with conditional words. 1×3=3**

- i. If I were you, I would/will forgive you.
- ii. You cannot pass until/unless you attend the classes.
- iii. If I had/have umbrella I would lend it to you .

**E. Fill suitable verb(sub.verb agreement). 1×2=2**

- i. Five kilograms is/are is not a heavy weight.
- ii. Li Not only the principal but also the teachers was/were playing the match.

**F. Rewrite the sentence using the too-----to pattern. 1×2=2**

- i. Meera is so tired that she can’t write more.
- ii. Combine the sentence by using participle :

I received no reply, I called him again.

### Section -D

**Q7 write down the meaning of the following words (any six) 1×6=6**

- (a) i. Astute                      ii. Tethered                      iii. Barsati
- iv. Pursued                      v. Glistening                      vi. Tenacity
- vii. Staff                      viii. Broods

**(b) Identify and underline the noun clauses in the following sentences**

- i. I wondered what Maya was doing there.
- ii. Do you know why Raman is late ?
- iii. I expected that India would win the match.

**(c) Choose the correct verb to complete these sentences.**

- i. All the rice was/were consumed.
- ii. One of the books I ordered is/are here.
- iii. None of us know/knows where the CD is.
- iv. The police has/have been informed about the crime.

**Q8 (a) Attempt any three questions from the following**

**3×3=9**

- I. Why was Machli called the queen of Ranthambore?
- II. In what aspect was the Mysore Maharaja's Palace similar to the Sistine chapel, Alhambra and Hermitage?
- III. Why was Mr Bond forced to keep his front door closed?
- IV. Answer with reference to the context:

**He'd talk to Mission control.**

- a) Who is 'he'?
- b) What is 'he' trying to do ?
- c) Which mission control is the poet talking about? Where is it?

**8 (b) Think and answer the following question (any one)**

**1×3=3**

sweeper woman thought lizards falling on people brought good luck. What do you call his behaviour? Do you think such thinking is right?

**Or**

Would you agree with the statement that the wood is full of life? Discuss.



**Bhagwan Mahaveer Public Sr. Sec. School, Banga**

**Class -8<sup>th</sup> (V) Term – I (2022-23)**

**Subject: Mathematics**

**M.M :80**

**Section -A**

**Each question carries 1 marks.**

**(1x10=10)**

- 0 is the:-
  - Identity for addition of Rational No.
  - Identity for Subtraction of Rational No.
  - Identity for Multiplication of Rational No.
  - Identity for division of Rational No.
- If two Quantities p and q vary inversely with each other then
  - $\frac{p}{q}$  remain Constant
  - p + q remain Constant
  - p x q remain Constant
  - p – q remain Constant
- TSA of cylinder is\_\_\_\_\_
  - $2\pi (r + h)$
  - $2\pi r^2(r+h)$
  - $2\pi r (r + h)$
  - $2\pi r^2$
- The degree of equation  $7x - 15 = 3$ 
  - 1
  - 2
  - 0
- How many diagonals pentagon have?
  - 2
  - 3
  - 5
- If three angles of a quadrilateral are each equal to  $75^\circ$ , then fourth angle is
  - $150^\circ$
  - $135^\circ$
  - $45^\circ$
  - $75^\circ$
- Discount=\_\_\_\_\_ - \_\_\_\_\_
- In inverse proportion of  $\frac{x_1}{y_1} = \frac{x_2}{y_2}$  **True/false**
- What is the multiplicative inverse of  $\frac{1}{5}$  ?
- Find the value of x  
 $7x - 2=0$

**Section – B**

**Each question carries 2 marks**

**(2x8=16)**

- Find the five rational number between  $\frac{-3}{2}$  and  $\frac{5}{3}$
- Using appropriate property solve:-  $\frac{-2}{3} \times \frac{3}{5} + \frac{5}{2} - \frac{3}{5} \times \frac{1}{6}$
- What should be added to twice the rational number  $\frac{-9}{11}$  to get  $\frac{11}{9}$  ?
- The adjacent angles of parallelogram are  $(2x - 4)^\circ$  and  $(3x-1)^\circ$  find the measurement of all angles of parallelogram.
- Find the measure of each exterior angles of a regular polygon of 1) 9 sides 2) 5 sides
- In a factory , women are 35% of all the workers rest of the workers being men .The no. of men exceeds that of women by 252. Find the total No. of workers in the factory

**OR**

In a year 2020, the No. of covid patients admitted in hospital of a state was 4375. Every Year this number decreases by 8%. Find the number of patients in 2022.

- Find the area of rhombus whose diagonals are of lengths 10 cm and 8.2 cm.
- An electric pole, 14 metres high ,casts a shadow of 10 metres. Find the height of a tree that casts a shadow of 15 metres under similar conditions.

**OR**

A machine in soft drink factory fills 840 bottles in 6 hours? How many bottles will it fills in 5 hours?

**Section -C**

**Each question carries 3 marks**

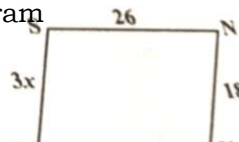
**(3x8=24)**

- The sum of three consecutive multiples of 11 is 363. Find the multiples.

**OR**

Sum of the digits of two digit number is 11. The given number is less than the number obtained by interchanging the digit by 9 .Find the number .

- The ages of Hari and Harry are in the ratio 5:7 .Four years from now the ratio of their ages will be 3:4. Find their present ages.
- Find the value of x and y if GUNS is parallelogram



22. An article was purchased for 1239 including 18% VAT find the price of the article before GST was added?

**OR**

When a class 10<sup>th</sup> Science book of MRP Rs. 625 is being sold at Rs 562.50. On what percentage of discount shopkeeper sold it.

23. The area of trapezium shaped field is 480sq m, the distance between two parallel sides is 15m and one of the parallel side is 20m. Find the other parallel side.
24. Find the height of a cylinder whose radius is 7 cm and the total surface area is 968 sqm.

**OR**

The area of two circles are in ratio 49:64 . Find the ratio of their circumference..

25. A car takes 2 hours to reach a destination by travelling at the speed of 60 km/hr. How long will it take when the car travels at speed of 80km/hr?
- 26 . A loaded truck travels 14km in 25 minutes .If the speed remains the same, how far can it travel in 5 hours.

**Section -D**

**Each question carries 5 marks**

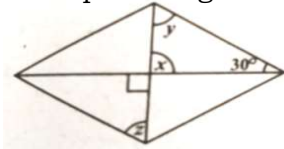
**(5x6=30)**

27. Find the value of t

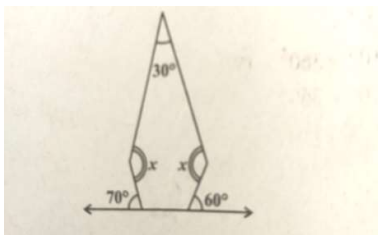
$$\frac{3t-2}{4} - \frac{2t+3}{3} = \frac{2}{3} - t$$

28. Find the value of x,y,z

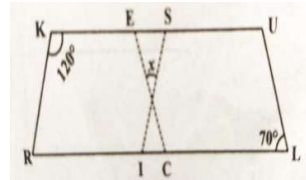
a) if ABCD is a parallelogram



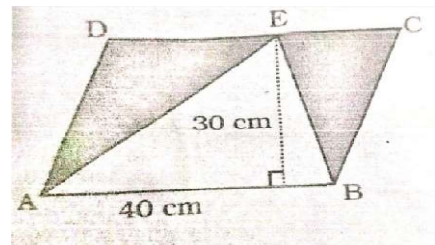
29. Find the measure of x



b) if RISK, CLUE is a parallelogram



29. ABCD is a parallelogram find the area of shaded portion.



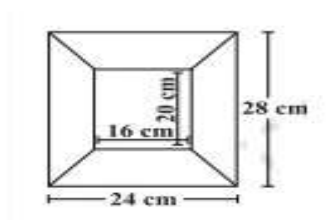
**OR**

30. A shopkeeper sold two refrigerators for Rs. 20,000 each . On one he made a gain of 5% and on the other a loss of 10% find his overall gain or loss.

31. A road roller takes 750 complete revolutions to move once over to level a road. Find the area of the road if the diameter of a road roller is 84cm and length is 1m.

**or**

Diagram of the adjacent picture frame has outer dimensions = 24 cm×28 cm and inner dimensions 16 cm×20 cm. Find the area of each section of the frame, if the width of each section is same.



32. Find the area of rhombus whose, side is 5 cm and whose altitude is 4.8 cm. If one of its diagonal is 8 cm long. Find the length of the other diagonal.

**Bhagwan Mahaveer Public Sr. Sec School , Banga**

**TERM-I EXAM**

**CLASS 8<sup>th</sup>(Vardhman) - SCIENCE**

**Max Marks : 80**

**Time allowed : 3 hrs**

**Note: All questions are compulsory in all sections. In some sections , Internal choice has been given. This question paper has 45 questions in all. Questions 1-27 are MCQ/Fill the blanks/True False/Match the Column carrying 1 mark each(Ques 17 has 4 marks) and 28-35 are questions of 2 mark each and 36-41 are short answer type questions of 3 marks each and 42-45 are long answer questions carrying 4 marks each.**

**SECTION – A**

**(1 x 30 = 30)**

**Multiple Choice questions (1-8)**

- Which of the following is characteristics of Synthetic Fibres  
(a) high water absorption (b) heavyweight (c) poor elasticity (d) high tensile strength
- Parachute fabrics is made up of  
(a) dacron (b) rayon (c) nylon (d) terylene
- Rust is formed when iron combines with  
(a) ozone (b) hydrogen (c) moist air (d) nitrogen
- The property of metal used for making temple bells is  
(a) Sonority (b) ductility (c) malleability (d) hardness
- Which of the following is true in friction  
(a) sliding friction is less than rolling friction  
(b) Sliding friction may be less than or greater than rolling friction  
(c) Rolling friction is less than sliding friction  
(d) None of these
- We make grooves in the tyres of vehicles to  
(a) eliminate friction (b) increase friction (c) reduce friction (d) depends upon application
- Which of the following type of image is generally formed by plane mirror  
(a) real & inverted (b) virtual & inverted (c) real & erect (d) virtual & erect
- Which of the following type of image is generally formed by Lens of human eye  
(a) virtual & erect (b) real & erect (c) virtual & inverted (d) real & inverted

**Fill in the Blanks (9-12)**

- Gas responsible for green house effect is .....
- Applying .....to the hinges of a door reduces friction
- Sunlight is a ..... natural resource
- One example of common food preservative is .....

**True/False (13-16)**

13. Plasmodium is used to protect malaria ( True/False)
14. Melamine is a type of Plastic (True/False)
15. Metals generally have low tensile strength (True/False)
16. Bullet trains have streamlined bodies (True/False)

**Match the Column**

17. Match the following

(1 x 4 = 4)

Inexhaustible source	Road surfaces
Coal tar	Coal
exhaustible source	sunlight
bitumen	Viscous liquid

**Very short answer questions**

18. Mention two advantages of adding manure to Soil
19. How do viruses differ from other microorganisms ?
20. Why we feel uncomfortable during summer while wearing clothes made from synthetic fibre ?
21. Make a neat sketch showing metals are good conductors of electricity
22. Why is Petroleum called black Gold?
23. Why are animals hunted although it is illegal?
24. Give one example of Sliding and Rolling friction
25. What is meant by power of accommodation?
26. Name two clean sources of energy for producing electricity.
27. What is drip-dry property of Synthetic Fibres ?

**SECTION - B****(2 x 8 = 16)**

28. Why replenishment of Soil is necessary. suggest some of the replenishment methods
29. Explain briefly how leguminous plants help in increasing soil fertility
30. Why food preservation is required? Suggest atleast four methods of food preservation.
31. Complete the following table

Parameters	Thermoplastics	Thermosetting plastics
Recycle		
Toughness		
Effect of heat		

examples		
----------	--	--

32. Make a neat & labeled diagram of fractional distillation of petroleum
33. Differentiate between Flora & Fauna. Name government bodies involved in their conservation
34. Suggest two methods of reducing friction & two methods of increasing friction
35. Draw a neat sketch showing regular & irregular reflection of light

**Or**

Complete the following table

Angle between plane mirrors	No of images
90 <sup>0</sup>	
60 <sup>0</sup>	
0 <sup>0</sup>	
180 <sup>0</sup>	

**SECTION - C**

**(3 x 6 = 18)**

36. Complete the following table

Parameter	fertilizer	Manure
Nature		
Humus		
Examples		

37. Write a brief note on Communicable diseases giving suitable examples
38. What is 5-R principle in plastics? Give few examples of Plastics

**Or**

Complete the following table

Type of Fibre	Use/application
Rayon	
Nylon	
Polyester	

Acrylic Fibre	
---------------	--

39. Make a neat & labeled sketch of destructive distillation of coal  
40. Write a brief note on “ Exotic Species ‘ & Endemic species  
41. Draw a neat & labeled diagram of human eye and name few defects occurring in human eye

**SECTION – D**

**(4 x 4 = 16)**

42. Name some of the agricultural practices used by farmers. Explain any two of these

**Or**

Differentiate between Mechanical & Chemical methods of weeding. Name few of such methods used.

43. Complete the following table

<b>Substance</b>	<b>Use/application(2 each)</b>
Coal	
Natural Gas	
Coke	
Coal Tar	

44. a) What is Red data book? State one advantage of maintaining red data book  
b) Differentiate between Zoo and wildlife Sanctuary

45. Differentiate between Myopia & hypermetropia using a suitable Ray diagram

**Or**

Make a Ray diagram showing image formation by Plane Mirror. Write few characteristics of such image formed

