



MOUNT COLUMBUS SCHOOL
DAKSHINPURI, NEW DELHI-62
WORKSHEET – JULY (2024-25)
CLASS – VIII

ENGLISH

1. Answer the Following Questions Given Below:

1. What made Princess September upset?
2. How did the king and queen reacted to the death of Princess September`s parrot?
3. What were the special effects that Patol Babu gave to his role to make it more authentic?
4. State the two ambitions of Granddad Lewis?
5. Describe the character sketch of Princess September.

2. Choose the correct form of the verb to complete the sentence:

- a. She _____ (go/goes) to school every day.
- b. They _____ (jogged/jog) in the park every morning.
- c. I usually _____ (done/do) my homework after dinner.
- d. The sun _____ (risen/rises) in the east.
- e. My parents _____ (drinks/drink) coffee in the morning.

3. You are Mohan/Radha, the head boy/girl of GVM School, Pune. Your school is organising a tour to Goa. Write out a notice inviting students who want to join the trip. Put the notice in the box.

हिंदी

१. नारद जी ने भगवन विष्णु से क्या प्रश्न पूछा?
२. किसान दिन भर में कितनी बार ईश्वर को याद करता था?
३. किसान के द्वार पर पहुंचकर नारद मुनि ने क्या देखा ?
४. भगवन विष्णु नारद मुनि को क्या सिखाना चाहते थे?
६. परोपकारी लोग किस कार्य में अपने प्राणों की चिंता नहीं करते?
७. वज्र का निर्माण किसने किया?
८. दधीचि के आश्रम का वातावरण कैसा था?
९. अंत में डॉक्टर ने क्या बीमारी बताई?
१०. राजा क्यों चिंतित रहने लगे?
११. निम्नलिखित प्रश्नों के उत्तर के लिए सही विकल्प का चयन करें-
 1. भाषा कहते हैं
 - (i) मन के भावों को बोलकर या लिखकर बताना
 - (ii) मन के भावों को संकेत द्वारा बताना
 - (iii) मन के भावों को केवल बोलकर बताना
 - (iv) मन के भावों को केवल संकेत के द्वारा बताना
 2. भाषा के मुख्य रूप हैं
 - (i) एक
 - (ii) दो
 - (iii) तीन
 - (iv) चार
 3. हम प्रतिवर्ष 'हिंद दिवस' मनाते हैं
 - (i) 14 जनवरी
 - (ii) 14 मई
 - (iii) 14 सितंबर
 - (iv) 14 अगस्त
 4. भाषा का क्षेत्रीय रूप जो स्थान-स्थान पर बदलता रहता है
 - (i) लिपि
 - (ii) भाषा
 - (iii) बोली
 - (iv) व्याकरण
 5. संविधान के किस अनुच्छेद में हिंदी को राजभाषा का स्थान मिला?
 - (i) 253वें
 - (ii) 243वें
 - (iii) 313वें
 - (iv) 343वें

6. भाषा के ध्वनि समूह कहलाते हैं

- (i) शब्द
- (ii) स्वर
- (iii) वर्ण
- (iv) व्यंजन

7. वर्णमाला का अभिप्राय है

- (i) वर्णों की माला
- (ii) वर्ण-विचार
- (iii) वर्णों के समूह को
- (iv) इनमें से कोई नहीं

8. व्यंजन के उच्चारण में सहायता लेनी पड़ती है

- (i) व्यंजन
- (ii) वर्णमाला की
- (iii) स्वर की
- (iv) किसी की नहीं

9. विसर्ग का चिह्न है

- (i) (ँ)
- (ii) (ं)
- (iii) (,))
- (iv) (:)

10. (ँ) चिह्न है

- (i) अनुस्वार का ।
- (ii) मात्रा का
- (iii) विसर्ग का
- (iv) अनुनासिक का

11. निम्नलिखित प्रश्नों के उत्तर के लिए सही विकल्प का चयन करें-

(क) सज्जन

- (i) सत् + जन
- (ii) सत् + जन
- (iii) सज् + जन
- (iv) सत् + ज्जन

(ख) निर्जन

- (i) निर् + जन
- (ii) निर् + जन
- (iii) निः + जन
- (iv) नि + रजन

(ग) गायक

(i) गा + यक

(ii) गे + अक

(iii) गै + अक

(iv) गौ + अक

(घ) सारांश

(i) से + सार

(ii) सम् + सार

(iii) सन् + सार

(iv) सं + ससार

(ङ) उच्चारण

(i) उत् + चारण

(ii) उच्च + अरण

(iii) उच्चा + रण

(iv) उच्चा + अरण

संस्कृत दत्त कार्य

1. शब्दार्थः लिखत 1

(क) रत्नानि

(ख) शोकः

(ग) तृष्णायाः

(घ) व्याधिः

(ङ) मूढैः

(च) खलु

2. एकपदेन उत्तरत -

(क) धैर्यं कः नाशयते?

(ख) पृथिव्यां कति रत्नानि?

(ग) केन तुल्यं तपः नास्ति?

(घ) केन समः रिपुः न अस्ति?

3. संख्यावाची शब्दाः लिखत ।

(क) 21 (ख) 40

(ग) 25 (घ) 42

(ङ) 36

4. पञ्च विद्यालयः सम्बन्धी नामानि लिखत ।

5. क्रीड धातु लट् लकारस्य रूपं लिखत ।

MATHEMATICS

Q1. Write all the possible outcomes of




- Tossing a coin
- Tossing two coins
- Throwing a die

Q2. Construct a frequency distribution table for the data on weights(kg.) of 20 students of a class, using intervals 40,38, 33, 48, 60, 53, 31, 46, 34, 36, 49, 41, 55, 49, 55, 42, 44, 47, 47, 38, 39.

Q3. The weekly wages (in rupee) of 30 workers in a factory are. 830, 835, 890, 810, 835, 836, 869, 845, 898, 890, 820, 860, 832, 833, 855, 845, 804, 808, 812, 840, 885, 835, 835, 836, 878, 840, 868, 890, 806, 840 Using tally marks make a frequency table with intervals as 800–810, 810–820 and so on. Draw a histogram and answer the following questions.

- Which group has the maximum number of workers?
- How many workers earn Rs.850 and more?
- How many workers earn less than Rs. 850?

Q4. A group of 360 people were asked to vote for their favourite season from the three seasons rainy, winter and summer.

Season	No. of votes
Summer 	90
Rainy 	120
Winter 	150

- (i) Which season got the most votes?
(ii) Find the central angle of each sector.
(iii) Draw a pie chart to show this information.

Q5. When a die is thrown, list the outcomes of an event of getting

- (i) (a) a prime number (b) not a prime number
(ii) (a) a number greater than 5 (b) a number not greater than 5

Q6. If you have a spinning wheel with 3 green sectors, 1 blue sector and 1 red sector, what is the probability of getting a green sector? What is the probability of getting a non-blue sector?

SCIENCE

Q1.

Write one word for the following sentences.

A pull or a push on an object is called _____.

A force exerted by a magnet _____.

A force acting on a unit area of a surface _____.

A pressure exerted by air _____.

- 2) Suppose a man is standing behind a car. Does the man exert the force on the car?



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- 3) If the members of two teams, in a game of tug-of-war, are trying to pull the rope in their respective directions and the rope does not move. Which team pulls with more force.



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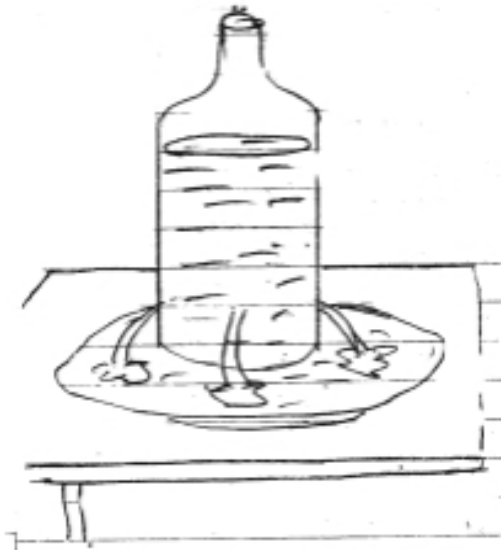
- 4) In the figures shown below, what conclusion can you draw about the pressure exerted by liquids.

(a)



.....

(b)



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5. A force exerted by a magnet on another magnet is
- a) contact force b) Frictional force
c) Non contact force d) Muscular force
- 6) The weight of air in a column of the height of the atmosphere and area $10\text{cm} \times 10\text{cm}$ is as large as
- a) 1 Kg. b) 10 kg.
c) 100 kg. d) 1000 kg.
- 7) When air is filled in a container, air
- a) Exert pressure at the bottom B) Exert pressure on upper side.
c) Exert pressure on the walls d) Non of these
- 8) The shoulder bags are provided with broad straps.
- a) To decrease the pressure b) To exert more force
c) To increase the pressure d) None of these.

SOCIAL SCIENCE

1. Fill in the Blanks

1. The thin layer of grainy substance covering the surface of the earth is called _____.
2. _____ is the process of moving soil particles from one place to another.
3. _____ forests are found in regions with moderate rainfall.

2. Assertion and Reasoning Question

Assertion (A): Land is an essential natural resource.

Reason (R): It provides the foundation for agriculture, industry, and infrastructure development.

Options:

- A. Both A and R are true, and R is the correct explanation of A.
- B. Both A and R are true, but R is not the correct explanation of A.
- C. A is true, but R is false.
- D. A is false, but R is true.

3. Short Answer Questions

1. What are the main factors responsible for soil formation?
2. What are the reasons behind the contamination of water?
3. What is the significance of natural vegetation and wildlife in maintaining ecological balance?

4. Diagram making

Draw the well labelled diagram of soil profile.

INFORMATION TECHNOLOGY (IT)

1. What is Adobe Photoshop used for?

- a) Creating documents
- b) Editing images
- c) Making videos
- d) Playing games

2. What is the toolbar in Photoshop used for?

- a) To create new files
- b) To edit images
- c) To access tools and features
- d) To save files

3. What is the purpose of the Layers panel in Photoshop?

- a) To create new layers
- b) To edit existing layers
- c) To organize and manage layers
- d) To delete layers

4. How do you undo an action in Photoshop?

- a) Ctrl+Z
- b) Ctrl+Y
- c) Ctrl+S

d) Ctrl+5. What is the Crop Tool used for in Photoshop?

- a) To resize images
- b) To crop images
- c) To rotate images
- d) To flip images

6. How do you save a file in Photoshop?

- a) Ctrl+S
- b) Ctrl+P
- c) Ctrl+Z
- d) Ctrl+X

7. What

is the Brush Tool used for in Photoshop?

- a) To paint and draw
- b) To edit text
- c) To crop images
- d) To resize images

8. How do you select an entire layer in Photoshop?

- a) Ctrl+A
- b) Ctrl+S
- c) Ctrl+Z
- d) Ctrl+X

9. What is the purpose of the Undo History panel in Photoshop?

- a) To undo actions
- b) To redo actions
- c) To view previous actions
- d) To delete actions

10. How do you rotate an image in Photoshop?

- a) Using the Rotate Tool
- b) Using the Move Tool
- c) Using the Crop Tool
- d) Using the Transform Tool

- 11. What tool is used to resize an image in Photoshop?
- 12. What is the purpose of the Brush Tool in Photoshop?
- 13. What is the purpose of the Crop Tool in Photoshop?

ARTIFICIAL INTELLIGENCE

Ch-02-Relate

1. Choose () the correct option.

(a) Which of the following technologies is used in face recognition applications?

- (i) Computer Vision
- (ii) Natural Language Processing
- (iii) Both (i) and (ii)
- (iv) None of these

(b) Which of the following technologies is used in Google Assistant?

- (i) Data Mining
- (ii) Machine Learning
- (iii) Natural Language Processing
- (iv) Computer Vision

(c) Which of the following is the use of AI in banking?

- (i) To identify frauds
- (ii) To detect anti-money laundering patterns
- (iii) To provide instant customer service
- (iv) All of these

(d) Which of the following domains of AI is used in Google Maps to generate predictions of traffic patterns and live traffic conditions?

- (i) Computer Vision
- (ii) Machine Learning
- (iii) Natural Language Processing
- (iv) None of these

2. Write a short note on the following:

(a) Autonomous Drones:

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(b) Autonomous Vehicles:

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(c) Smart Homes:

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3. Answer the following questions:

(a) Write any two uses of AI in Google Maps.

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(b) Write any two uses of Autonomous Drones.

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