

SHARDEIN SCHOOL
ANNUAL EXAMINATION (2022-23)
SUBJECT : ART & CRAFT
CLASS – VIII

MM : 80

General Instructions :

- a) *Attempt all questions.*
- b) *Label your craft and sheet properly i.e. name, class, section & roll no.*
- c) *Use the medium as given.*

Q1. Draw a poster design and complete it with poster colours. (25)

‘SAVE THE OZONE LAYER’

Or

‘DO NOT WASTE FOOD’

Q2. Draw a sketch of Floral Art and colour it using sketch pen. (15)

Q3. Draw a part of story composition which has given in your course book and complete it using mix medium colours. (15)

Or

Draw floral art using sketch pen's.

Q4. Craft work. (25)

SHARDEIN SCHOOL
ANNUAL EXAMINATION (2022-23)
SUBJECT : ENGLISH
CLASS – VIII

MM : 80

SECTION – A : READING

A1. Read the following passage carefully and answer the questions.

Books are the chief carriers of civilization: because of them ideas live and spread. How important books are you can judge from the fact that very hot countries as it is well known, are slow in becoming civilized in the modern sense. There are many reasons for this, but one of the most important is that the white ants that live in the tropics eat up all the books. For example in South America, there are practically no books, more than forty years or fifty years old. Where there are no books there are no records and no literature, the ideas and knowledge of one generation can only be handed down by word of mouth, and it is much more difficult for the race to progress and civilized. But it is of no use of having books unless people can read them, and learning to read is a part of what is called education.

- a) How are books important as chief carriers of Civilization?
- b) Why are very hot countries slow in becoming civilized?
- c) Why are there no old books in South America?
- d) How does the lack of books affect Progress of civilization ?
- e) Is it enough to have Books for becoming civilized?
- f) Find word from the passage which mean the same as
 - a. pieces of writing valued as works of art
 - b. to make widely known
 - c. cultured
- g) Find word from the passage which mean the opposite of
 - a. ignorance
 - b. ancient

A2. Read the following poem carefully and answer the questions that follow.

I took a stroll down Cypress Street
The hot sidewalk beneath my feet.
The one thing that stood out the most
Where trees once stood there were lamppost.
I'd never seen so much concrete
No Cypress left on Cypress Street.
According to my Great Aunt Gem
There used to be a lot of them.
They cut them down. They took their wood
A treeless street is plum no good!

Just like a treeless neighborhood
 So tell the Mayor next time they meet...
 To change the name to Lamppost Street!

- a) Where does the poet move out for a walk?
- b) What has replaced the trees in the street?
- c) Who are referred to as “They” in the above lines?
- d) Why does the poet ask the readers to tell the mayor to change the name of the street to the Lamppost Street?
- e) Mention the adjectives used for the words given below from the poem above.
 - a. sidewalk
 - b. neighborhood
 - c. street
- f) Write two pairs of rhyming words from the poem above.
- g) Write the rhyme scheme of the first stanza.

SECTION – B : WRITING

- B1. You are Vishal. Your physics teacher has called you for extra coaching. Your mother and father are out and you have to leave. Write a message for your parents before you leave for the coaching class. (word limit :50) (5)
- B2. Write an E-mail to your shy little sister who is at summer camp, telling her to participate in every activity. (word limit : 80) (7)
- B3. Too much cutting of trees has caused a huge loss to the environment. You strongly feel that people should do something to check any further damage .Write a letter to the editor of a leading newspaper expressing your views and appealing to the people to plant more and more trees .(word limit : 100 to 120) (8)

SECTION – C : GRAMMAR

- C1. The following passage has not been edited. There is an error in each line .Write the incorrect word as well as the correction. (4)

	Incorrect	Correction
Even if Indians have a long history	eg. If	though
on them ,they have a poor	_____	_____
knowledge in maintaining homes,	_____	_____
toilets, or workplaces .	_____	_____
Modern detergents and soaps is	_____	_____
very common in shelves.		

- C2. Rearrange the words to make meaningful sentences. (2)
 - a) of /beauty /is /Taj Mahal/the /known /over /world / the /the /all
 - b) this universe /lonely /man /in /feels /very /moreover

- C3. Change into passive voice (2)
- Who has picked your pocket?
 - You sing a song.
- C4. Change into indirect speech (2)
- He said to me, "How grateful I am to you!"
 - I said to Mohan, "Where is your pen?"
- C5. a) Complete the analogy. (2)
- Wing is to bird as flipper is to _____
- b) Write the word for the definition
- clearly visible or understood . _____
- C6. a) Fill in the blank with a suitable preposition. (2)
- He ran the field. (along/across)
- b) Fill in the blank with correct verb
- The bouquet of yellow roses _____ colour to the room. (lends /lend)
- C7. a) Use the phrase ' with great care ' to make sentence. (2)
- b) Underline the clause and identify its kind
- The teacher believed that I was right.
- C8. a) Join the sentences using the conjunction given in the bracket (2)
- The door opens. The dog runs outside. (whenever)
- b) Fill in the blank with suitable article.
- His father is _____ MLA .
- C9. a) Complete the following sentence with the appropriate degree of comparison. (2)
- Successful people are _____. (proud)
- b) Underline the adverb and write another adverb that can replace it.
- I went there very often.

SECTION – D : LITERATURE

- D1. Answer the following questions. (16)
- Why did the narrator want to keep his diamond-making business a secret?
 - What was the alarm meant for? What had caused its failure?
 - Why was the earth without any human trace?
 - Why did Holmes pretend to be lost and ask Spaulding for directions?
 - Where and how did the narrator finally manage to get hold of Mr. Talent?
 - Where does the poet cross the ghosts? How does he perceive them?
 - How did Mr. Wilson learn of the vacancy?
 - Why was the man unable to sell his diamonds?

D2. Tick the best choice for the answer.

(4)

- a) The poem 'Haunted houses ' deals with
 - a. the spirit world of ghosts and the world of the living
 - b. the poet and his dead ancestors
 - c. the ghosts that haunt empty houses
 - d. the ghost who perpetually scare us
- b) The narrators first impression of Mr Tallent was that he was a
 - a. prolific writer
 - b. mysterious person
 - c. boring man
 - d. formidable man
- c) Starglyn and Suncon were
 - a. scientist who invented the spacecraft.
 - b. aliens who came to study the earth's crust
 - c. conquerors of earth
 - d. residents of the crumbling city.
- d) What could have reduced the chances of Sven getting a job in space?
 - a. breaking rules
 - b. his love for animals
 - c. his excessive body weight
 - d. all of the above

SHARDEIN SCHOOL
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SUBJECT : SCIENCE
CLASS – VIII

MM : 80

Q1. Choose the correct option?

(8)

- a) Chlorine is a
- | | |
|------------------|------------------------|
| a. White metal | b. greenish yellow gas |
| c. colorless gas | d. Yellow solid |
- b) They are called the power house of the cell
- | | |
|--------------------|--------------------------|
| a. Mitochondria | b. Endoplasmic reticulum |
| c. Golgi apparatus | d. Ribosomes |
- c) In a liquid with depth pressure is
- | | |
|-----------------------------------|-----------------------------------|
| a. Increases | b. Decreases |
| c. First increases that decreases | d. First decreases then increases |
- d) Sound waves of frequencies above 20,000 hertz are called
- | | |
|---------------------|---------------------|
| a. Ultrasonic waves | b. Supersonic waves |
| c. Infrasonic waves | d. Panasonic waves |
- e) In the electrolysis of sodium chloride solution, the electrolyte is
- | | |
|-----------------------------|-----------------|
| a. Sodium ion | b. Chloride ion |
| c. Sodium chloride solution | d. Water |
- f) The path of conductive air that extends from the thundercloud is made by a
- | | |
|--------------|----------------|
| a. Flash | b. Step leader |
| c. Discharge | d. Hazard |
- g) Phobos and Deimos are the two satellites of
- | | |
|------------|----------|
| a. Saturn | b. Mars |
| c. Jupiter | d. Venus |
- h) Energy derived from organic matter is called
- | | |
|-------------------|----------------------|
| a. Nuclear energy | b. Solar energy |
| c. Biomass energy | d. Geothermal energy |

Q2. Fill in the blanks with the correct words.

(5)

- a) Growth in an organism happens because of the increase in the _____ of cells.
- b) The force that we applied directly or indirectly with our hands, legs, fingers etc. Is referred to as an _____.
- c) Atmospheric pressure acts in _____ Direction.
- d) Polaris is part of the Ursa _____ Constellation.
- e) _____ Tablets can be added to water from Wells and water tanks to kill harmful microorganisms.

Q3. Write true or false. (5)

- a) The metal that is liquid at room temperature is mercury.
- b) Fertilization is internal in frogs and fish.
- c) The pitch or shrillness of a sound is related to frequency.
- d) Unlike charges repel each other.
- e) The unnatural increase in the earth's surface temperature is called greenhouse effect.

Q4. Write one word for each of the following. (5)

- a) It helps in synthesis, storage and transport of cell products.
- b) It is the SI unit of force.
- c) It is the pressure exerted on an object by the weight of the air above it.
- d) The basic organ in our body that is used to produce sound.
- e) Extended periods of grazing on the same patch of land.

Q5. Write examples of each of the following. (5)

- a) Hormones secreted by the ovary
- b) Applied force
- c) Examples to show the presence of atmospheric pressure
- d) Hazards caused by earthquake
- e) Greenhouse gases

Q6. Very short answer type questions. (16)

- a) What is displacement reaction? Give one example with the chemical reaction involved.
- b) Why does a balloon burst if too much air is blown into it?
- c) Draw an electrolytic cell and label its parts.
- d) Write down two precautions that we can take to protect ourselves if we are caught in the thunderstorm.
- e) State the two laws of reflection.
- f) What are comets? What are they made up of?
- g) Describe any two alternative energy sources that are renewable.
- h) How does the ozone layer protect life on earth? Name the pollutant responsible for its depletion.

Q7. Short answer type questions.

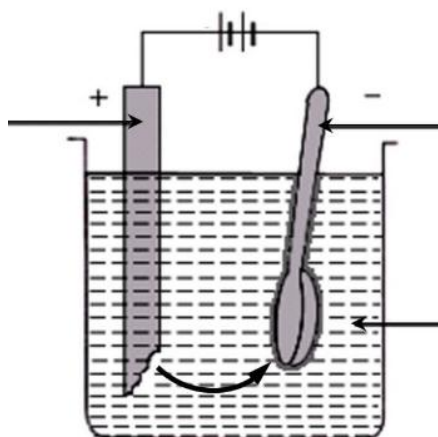
(21)

- a) What is the main difference between thermoplastics and thermosetting plastics? Give one example of each.
- b) Draw a labelled diagram of a plant cell. Write the function of any one part of the cell.
- c) What is force? What are the factors on which frictional force depends?
- d) List three methods by which we can reduce noise pollution.
- e) What are meteors, meteoroids, and meteorites?
- f) Discuss some practices that can help conserve forests.
- g) What is acid rain? In what ways does it affect our environment?

Q8. Long answer type question.

(15)

- a) a. What are chromosomes?
b. What is the location of chromosomes?
c. Describe how chromosomes affect the sex of a child.
- b) In the adjacent figure, label the parts that are marked. Then answer the questions given below.



- a. Which process is being demonstrated in the figure given a long side?
- b. Define the process.
c. What is the use of this process in a variety of industries?
- c) Answer the following questions.
 - a. How many images will be formed if two mirrors are kept parallel to each other, with their reflecting surfaces facing each other?
 - b. If the angle of incidence is 50 degree, what will be the corresponding angle of reflection?
 - c. Difference between myopia and hypermetropia.
 - d. Define spectrum.

SHARDEIN SCHOOL
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SUBJECT : SOCIAL SCIENCE
CLASS – VIII

MM : 80

Note:- All questions are compulsory

Q1. Based on your understanding tick the correct option. (6)

- a) Calico cloth is named after
 - a. the town of Calicut
 - b. Cotton
 - c. Cotton of Coimbatore
- b) Who wrote Amar Jiban in 1876?
 - a. Kadambini Basu
 - b. Chandramukhi Basu
 - c. Rassundari Debi
- c) Robust is a the variety of
 - a. Cocoa
 - b. Coffee
 - c. Tea
- d) The city known as the 'Manchester of India' is
 - a. Ahmedabad
 - b. Kolkata
 - c. Kanpur
- e) The maximum number of judges in the Supreme Court of India is
 - a. 33
 - b. 66
 - c. 34
- f) This term applies to a group of people, who did not belong to the caste hierarchy and lived outside the village
 - a. Achchutas
 - b. Shudras
 - c. Vaishyas

Q2. State whether the following statement are true or false and rewrite the incorrect statement to correct them. (4)

- a) Raja Ram Mohan Roy founded Arya Samaj.
- b) The first Indian cotton mill was established in Mumbai.
- c) The percentage of total population that is able to read and write is known as birth rate.
- d) The accused is defended by a lawyer who is given an opportunity to cross-examine all the prosecution witnesses.

Q3. Answer the following questions in one sentence. (20)

- a) Name the varieties of Indian cotton Textiles that were in demand in Europe.
- b) Name any two women who played a notable role in promoting education among women in India?
- c) Name one moderate and two radical leaders of the Congress.
- d) Name some important leaders of NAM.
- e) How many years does it take for a tea bush to yield leaves?
- f) Name some of the automobile Giants that were based out of Detroit in the USA.
- g) What is density of population?
- h) Which is the highest court in India? Where is it situated?
- i) Define untouchability.
- j) When did the government launched the total sanitation campaign?

Q4. Answer the following questions in brief. (24)

- a) Who was the chairman of the Hunter Commission? What was its main recommendation?
- b) Why was the Khilafat movement started?
- c) What is a Panchayati Raj?
- d) What is the difference between Agro-based and mineral- based industries?
- e) Which is the strongest factor that has made Bengaluru such an important IT Centre?
- f) Why do religious centres attract people? Give examples of some religious centres.
- g) What are the D K Basu Guidelines?
- h) What was the recommendations of the Mandal Commission?

Q5. Answer the following questions in detail. (Do any 5) (20)

- a) What were the major recommendations of the wood's despatch?
- b) Which were the salient factor that contributed to the rise of Indian nationalism? Mention any five.
- c) Point out the main differences between small- scale and large- scale industries
- d) Briefly explain the procedure of filing a FIR.
- e) Write about the Ayushman Bharat Yojana.
- f) Point out five major differences in agriculture pattern between a farm in India and a farm in the USA.

Q6. On an outline map of India Mark the following. (6)

- a) Two Software Technology parks in India
- b) The Ahmedabad-Vadodara region and the Bengaluru-Tamil Nadu region
- c) 2 places of sugarcane

SHARDEIN SCHOOL
ANNUAL EXAMINATION (2022-23)
SUBJECT : G.K.
CLASS – VIII

MM : 40

- Q1. Longest river of the world is
- a) Amazon River
 - b) Yellow River
 - c) Nile River
 - d) Congo River
- Q2. He was the British prime minister during the Second World War.
- a) Boris Johnson
 - b) David Cameron
 - c) Tony Blair
 - d) Winston Churchill
- Q3. Paper notes were first used in China during which dynasty.
- a) Zhou Dynasty
 - b) Tang Dynasty
 - c) Sui Dynasty
 - d) None of these
- Q4. It is the state animal of Kerala and Jharkhand.
- a) Swamp Deer
 - b) Giant Squirrel
 - c) Elephant
 - d) Nilgai
- Q5. Who is the author of book 'My Experiments with Truth'.
- a) Anne Frank
 - b) Mahatma Gandhi
 - c) Benazir Bhutto
 - d) Adolf Hitler
- Q6. Which mission in September 2021 carried four private citizens to Earth's orbit for three days?
- a) Inspiration
 - b) Geotail
 - c) Polar
 - d) None of these
- Q7. Which lake situated in the Desolation Valley of the Caribbean island Dominica has water with temperature up to 80-90°C?
- a) Boiling Lake
 - b) Lake of Death
 - c) Lake Baikal
 - d) None of these
- Q8. The crooked forest, a grove of bent pine trees, is found in
- a) Poland
 - b) Brazil
 - c) China
 - d) India
- Q9. Who serves as the supreme commander of the Indian defence services?
- a) The Prime minister of India
 - b) The President of India
 - c) The Governor of India
 - d) None of these
- Q10. What is the full form of CISF?
- a) Customer Investigation Staff Force
 - b) Central Indian Border Police Force
 - c) Central Indian Police Force
 - d) Central Industrial Security Force
- Q11. Chhatrapati Shivaji Terminus is located in which city?
- a) Delhi
 - b) Nepal
 - c) Rajsthan
 - d) Mumbai

- Q12. Diamond City of India is
- a) Surat
 - b) Panna
 - c) Shipuri
 - d) None of these
- Q13. What is the capital of the Andaman and Nicobar Islands?
- a) Port Blair
 - b) Sumatra
 - c) Havelock
 - d) Lakshdweep
- Q14. Victoria Falls, one of the world's mightiest waterfalls, is located in
- a) East-Central Africa
 - b) West-Central Africa
 - c) North- Central Africa
 - d) South-Central Africa
- Q15. What was the memory storage capacity of the first hard drive?
- a) 100MB
 - b) 5MB
 - c) 50MB
 - d) 75MB
- Q16. What is the name of India's first indigenously designed supercomputer?
- a) Kalki
 - b) Pushpaka
 - c) Param
 - d) Purushottam
- Q17. In which state Bhimbetka caves are situated?
- a) Madhya Pradesh
 - b) Uttar Pradesh
 - c) Rajasthan
 - d) Karnataka
- Q18. Who is the painter of the Starry Night?
- a) Marilyn Monroe
 - b) Salvador Dali
 - c) Vincent Van Gogh
 - d) None of these
- Q19. Which animal is the only flying mammal?
- a) Eagle
 - b) Albatross
 - c) Flying squirrel
 - d) Bat
- Q20. Which of these animals have eyes that appear to glow red in the dark?
- a) Alligators
 - b) Lemurs
 - c) Penguins
 - d) All of these
- Q21. When did Delhi become a union territory?
- a) 1965
 - b) 1956
 - c) 1948
 - d) 1986
- Q22. National bird of Mexico is
- a) Golden eagle
 - b) Philippine eagle
 - c) Himalayan Vulture
 - d) Andean condors
- Q23. Which Italian Football Club is nicknamed Rossoneri?
- a) Sergio Ramos
 - b) John Terry
 - c) Wayne Rooney
 - d) AC Milan
- Q24. Which Indian leader's birth anniversary is observed as Rashtriya Ekta Diwas or National Unity Day?
- a) Sardar Vallabhbhai Patel
 - b) Subhas Chandra Bose
 - c) Nana Saheb
 - d) None of these

- Q25. What was the name of first cloned Sheep?
- a) Ruby
 - b) Dolly
 - c) Jimmi
 - d) Shaily
- Q26. The Indian composer whose extensive body of work for cinema and the stage has earned him the nickname 'the Mozart of Madras.
- a) Zakir Hussain
 - b) Bismillah Khan
 - c) A. R. Rahman
 - d) Dada Saheb Falke
- Q27. The letters SLR stands for _____ in a SLR camera.
- a) Single-lens reflex
 - b) Standard -lens reflex
 - c) Shine-lens reflex
 - d) Silver-lens reflex
- Q28. Which river flowing through northeast India, is also known as Tsangpo in Tibet?
- a) Teesta
 - b) Majuli
 - c) Brahmaputra
 - d) All of these
- Q29. Which Italian artist created the life-size marble sculpture Pietà?
- a) Leonardo da Vinci
 - b) Dionigi Bussola
 - c) Harry Bertoaia
 - d) Michelangelo
- Q30. Who is the author of The Man-eater of Malgudi?
- a) R.K.Narayan
 - b) Salman Rushdi
 - c) Vikram Seth
 - d) Mamta Kaliya
- Q31. Who is the CEO of the mobile app Snapchat?
- a) Mark Zuckerberg's
 - b) Kevin Systrom
 - c) Evan Spiegel
 - d) None of these
- Q32. In the Mahabharata, who was also known as 'Dhananjaya'?
- a) Yudhishtir
 - b) Bheem
 - c) Arjun
 - d) Nakul
- Q33. The Thinker, a sculpture by Auguste Rodin, was a representation of a famous poet. Name the poet is
- a) Dante
 - b) Cante
 - c) Howok
 - d) Denial.
- Q34. Who wrote the novel 'The God of Small Things' which won the Booker Prize.
- a) Sheryl Sandberg
 - b) Angel Markel
 - c) Arundhati Roy
 - d) Princess Diana
- Q35. Where is Muga silk found?
- a) Bihar
 - b) Assam
 - c) Meghalaya
 - d) Nagaland
- Q36. IIT-Madras has partnered with which country to launch "Centre for Energy" to work on UN-SDGs.
- a) USA
 - b) Singapore
 - c) Australia
 - d) Germany

- Q37. Kanger Valley National Park, which was seen in the news, is located in which state?
- a) Punjab
 - b) West Bengal
 - c) Telangana
 - d) Chhattisgarh
- Q38. Which country is the host of the '12th World Hindi Conference'?
- a) Italy
 - b) Germany
 - c) UK
 - d) Fiji
- Q39. Zuari Bridge, the second largest cable-stayed bridge in India, is located in which state/UT?
- a) Arunachal Pradesh
 - b) Punjab
 - c) Goa
 - d) Jammu and Kashmir
- Q40. Which country is the host of the 'Global Climate Observing System (GCOS) conference'?
- a) Australia
 - b) Italy
 - c) Germany
 - d) USA

SHARDEIN SCHOOL
ANNUAL EXAMINATION (2022-23)
SUBJECT : MATHS
CLASS – VIII

MM : 80

General Instructions:

- a) This question paper consists of four sections A, B, C and D.
- b) Section A consists of 10 MCQ type questions. Each carry 01 mark.
- c) Section B consists of 10 questions. Each carry 03 marks.
- d) Section C consists of 5 questions. Each carry 4 marks.
- e) Section D consists of 4 questions. Each carry 5 marks.

SECTION – A

- Q1. What is the value of $\left[(-2)^0 + 5^0 + 8^0\right]^2$?
- a) 1
 - b) 3
 - c) 9
 - d) None of these
- Q2. If we add $7xy + 5yz - 3zx$, $4yz + 9zx - 4y$ and $-3xz + 5x - 2xy$, then the answer is
- a) $5xy + 9yz + 3zx + 5x - 4y$
 - b) $5xy - 9yz + 3zx - 5x - 4y$
 - c) $5xy + 10yz + 3zx + 15x - 4y$
 - d) None of these
- Q3. The factors of $(x^3 - x)$ are
- a) $x(x^2 - x)$
 - b) $x^2(x - 1)$
 - c) $x(x + 1)(x - 1)$
 - d) None of these
- Q4. If $3(t - 3) = 5(2t + 1)$, then $t = ?$
- a) -2
 - b) 2
 - c) -3
 - d) 3
- Q5. 5% of a number is 9. The number is
- a) 45
 - b) 90
 - c) 135
 - d) 180
- Q6. A bookseller sells a book for Rs. 100, gaining Rs. 20. His gain percent is
- a) 20%
 - b) 25%
 - c) 22%
 - d) None of these
- Q7. The compound interest on Rs. 5000 at 8% per annum for 2 years compounded annually is
- a) Rs. 800
 - b) Rs. 825
 - c) Rs. 832
 - d) Rs. 850

- Q8. Three angles of a quadrilateral are 54° , 80° and 116° . Find the measure of the fourth angle.
- a) 100° b) 110°
c) 40° d) 105°
- Q9. Two adjacent angles of a parallelogram are $(2x + 25)^\circ$ and $(3x - 5)^\circ$. The value of x is
- a) 28 b) 32
c) 36 d) 42
- Q10. The volume of a cube is 343 cm^3 . It's total surface area is
- a) 196 cm^2 b) 49 cm^2
c) 294 cm^2 d) 147 cm^2

SECTION – B

- Q11. By what number should $\left(-\frac{2}{3}\right)^3$ be divided so that the quotient is $\left(\frac{4}{9}\right)^2$.
- Q12. Find the continued product : $(2p + 3)(2p - 3)(4p^2 + 9)$
- Or
- If $x + y = 12$ and $xy = 14$, find the value of $(x^2 + y^2)$.
- Q13. Factorize : $4x^2 - y^2 + 6y - 9$
- Q14. The sum of the digits of a two digit number is 12. If the new number formed by reversing the digits is greater than the original number by 54. Find the original number.
- Or
- The difference between the ages of two cousins is 10 years. 15 years ago, if the elder one was twice as old as the younger one, find their present ages.
- Q15. A number is increased by 20% and then decreased by 20%. Find the net increase or decrease percent.
- Or
- Divide Rs. 7000 among A, B and C such that A get 50% of what B gets and B gets 50% of what C gets.
- Q16. Prove that the sum of the angles of a quadrilateral is 360° .
- Q17. Two adjacent angles of a parallelogram are in the ratio 2:3. Find the measure of each of its angles.
- Q18. Construct a square, each of whose diagonals measures 5.8 cm.
- Q19. A pit 5m long and 3.5m wide is dug to a certain depth. If the volume of earth taken out of it is 14m^3 . What is the depth of the pit?
- Q20. When two coins are tossed simultaneously, what are possible outcomes? In a single throw of two coins what is the probability of getting (a) both heads (b) at least one head?

SECTION – C

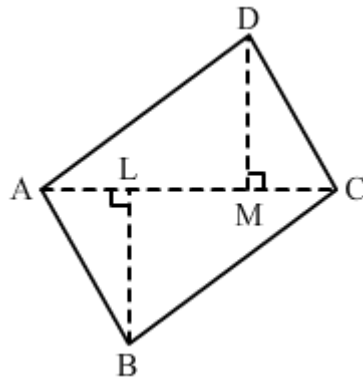
- Q21. Manohar purchased two handbags for Rs. 1500 each. He sold these bags, gaining 8% on one and losing 4% on the other. Find his gain or loss percent in the whole transaction.
- Q22. Find the compound interest on Rs. 160000 for 2 years at 10% per annum when compounded semi annually.
- Q23. Construct a rectangle ABCD in which side $BC = 5$ cm and diagonal $BD = 6.2$ cm.
- Q24. The parallel sides of a trapezium are 25 cm and 13 cm, its non parallel sides are equal, each being 10 cm. Find the area of the trapezium.
- Q25. The data on the mode of transport used by 720 students are given below:

Mode of Transport	Bus	Cycle	Train	Car	Scooter
Number of Students	120	180	240	80	100

Represent the above data by a pie chart.

SECTION – D

- Q26. In the given figure, ABCD is a quadrilateral in which $AC = 24$ cm, BL perpendicular to AC and DM perpendicular to AC such that $BL = 8$ cm and $DM = 7$ cm. Find the area of quadrilateral ABCD.



- Q27. The radius and height of a cylinder are in the ratio 7:2. If the volume of the cylinder is 8316 cm^3 . Find the total surface area of the cylinder.
- Q28. Locate the points $A(1, 2)$, $B(4, 2)$ and $C(1, 4)$ on a graph sheet taking suitable axes. Write the coordinates of the fourth point D in order to complete the rectangle ABCD.
- Q29. Plot a line graph for the variables x and y, where y is three times x, i.e. the equation is $y = 3x$.
- Using the graph, find the value of (a) y, when $x = 5$ and (b) x, when $y = 18$

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नोट – सभी प्रश्न अनिवार्य हैं। कार्य की स्वच्छता पर ध्यान दें।

- प्र०1. अपनी पाठ्य पुस्तक से याद किया गया कोई एक श्लोक लिखिए। जो इस प्रश्न पत्र में न हो। (3)
- प्र०2. शब्द रूप लिखिए। (3)
‘पितृ’ सप्तमी विभक्ति, तीनों वचन में।
- प्र०3. धातु रूप लिखिए। (3)
‘रक्ष’ विधिलिङ् लकार, प्रथम पुरुष, तीनों वचन में।
- प्र०4. निम्नलिखित शब्दों के अर्थ लिखिए। (6)
संरक्षिता , संयोजितम् , गरीयसी , धनान्तरणम् , जलपरिवहनम् , पण्डुरिव
- प्र०5. निम्नलिखित प्रश्नों के उत्तर लिखिए। (12)
क) अद्यत्वे कन्याः कान् अलंकुर्वन्ति?
ख) शास्त्रपराङ्मुखस्य नाम किम् आसीत्?
ग) सरस्वत्याः कोशः कीदृशः भवति?
घ) कुत्र गन्तुं विना वयं वस्तूनि क्रीणामः?
ङ) गोवा प्रदेश कः प्रमुख प्रपातः अस्ति?
च) अग्नि कस्य शब्दस्य अर्थम् आसीत्?
- प्र०6. रेखांकित पदों का प्रश्न निर्माण कीजिए। (4)
क) निरन्तरं पुरुषाणाम् संख्यायां वृद्धिः भवति।
ख) जनाः कार्येभ्यः गूगलशरणं गच्छन्ति।
ग) सः आत्मानम् अरक्षत्।
घ) अहम् एकं प्रयोगं करोमि।
- प्र०7. प्रकृति प्रत्यय विभाग संयोग कीजिए। (4)
प्रणम्य , संयोजितम् , पा + क्त्वा , भू + क्त्वा
- प्र०8. उचित अव्यय चुनकर रिक्त स्थानों की पूर्ति कीजिए। (4)
(तदा , अपि , सहसा , सदा)
क) बालकाः _____ भ्रमणाय अगच्छन्।
ख) अहं _____ सत्यं वदामि।
ग) _____ वृष्टिः आरभत्।
घ) प्रातः काल अभवत्।
- प्र०9. संधि संयोग एवं संधि विच्छेद कीजिए। (4)
तत् + लीनः , सोऽवदत् , करोमि + अहम् , परोपकारः
- प्र०10. निम्नलिखित शब्दों के पद-परिचय कीजिए। (3)
समर्थाः , संदेशानाम् , प्रयोगेण

- प्र०11. निम्नलिखित वाक्यों को संस्कृत में अनुवाद लिखिए। (5)
- क) फोन के द्वारा परस्पर वार्तालाप सरल हो गया है।
 ख) पर्यटन से हमें विभिन्न प्रदेशों का ज्ञान होता है।
 ग) शंकराचार्य ने बचपन में ही ज्ञान प्राप्त कर लिया।
 घ) सूर्य के चारों ओर आठ ग्रह होते हैं।
 ङ) पांडव पाँच थे और कौरव सौ थे।
- प्र०12. निम्नलिखित वाक्यों को घटनाक्रमानुसार पुनः लिखिए। (6)
- क) ततः ते पूर्वदेशं प्रति प्राचलन्।
 ख) द्वितीयेन चर्ममांसरूधिरं संयोजितम्।
 ग) एकस्मिन् नगरे चत्वारः बाह्मणपुत्राः वसन्ति।
 घ) सुबुद्धि वृक्षात्वतीर्य गृहं गतः।
 ङ) सुबुद्धि वृक्षम् आरोहत्।
 च) सिंहेन त्रयोऽपि व्यापादिताः।
- प्र०13. निम्नलिखित श्लोक का अर्थ लिखिए। (3)
- यदा यदा हि धर्मस्य ग्लानिर्भवति भारत।
 अभ्युत्थानमधर्मस्य तदात्मानं सृजाम्यहम्।।
 परित्राणाय साधूनां विनाशाय च दुष्कृताम्।
 धर्मसंस्थापनार्थाय सम्भवामि युगे युगे।।
- प्र०14. गद्यांश को पढ़कर दिए गए प्रश्नों के उत्तर दीजिए। (5)
- अत्रत्यः प्रदूषणमुक्तं वातावरणम्, संस्कृतिः, सर्वेषां धर्माणां समन्वयः, समुद्र-जलस्य वनानां च विस्तारः विशाल-पर्वत-श्रङ्खलाः प्रकृत्या, मनोहराणि दृश्यानि च गोवाप्रदेशं विश्वस्य पर्यटनस्थलेषु मूर्धन्यस्थाने स्थापयन्ति। विशेषतः शीतकाले पर्यटकानां सूर्यस्नानं दृष्ट्वा प्रतीयते यत् वयं कस्मिंश्चित् स्वप्नलोके विहरामः। अतः जीवनकाले एकदा तु अत्र अवश्यमेव गन्तव्यम्।
- क) अत्र कस्य प्रदेशस्य वर्णनम् अस्ति?
 ख) अत्र वातावरणं कीदृशम् अस्ति?
 ग) अस्मिन् प्रदेशे कस्याः महोहराणि दृश्यानि सन्ति?
 घ) एषः प्रदेशः पर्यटनस्थलेषु कस्मिन् स्थाने अस्ति?
 ङ) जीवन काले एकदा कुत्र अवश्यं गन्तव्यम्?
- प्र०15. कोष्ठक से उचित शब्द लेकर निम्नलिखित वार्तालाप को पूर्ण कीजिए। (5)
- (स्वस्थः , रूग्ण , कुरु , गृहकार्यम् , कीदृशः)
- शिक्षकः — त्वया _____ कथं न कृतम्?
 छात्रः — श्रीमन्! अहम् हयः _____ आसम्।
 शिक्षकः — अधुना त्वम् _____ ?
 छात्रः — अहम् _____ अस्मिं।
 शिक्षकः — उचितम्, स्वकार्यम् _____ ।
- प्र०16. निम्न शब्दों के पर्यायवाची शब्द लिखिए। (5)
- सृष्टिः , प्राणी , मेघः , वनम् , सूर्यः

प्र०17. मंजूषा की सहायता से नीचे दिए गए चित्र का वर्णन संस्कृत में पाँच वाक्य में लिखिए। (5)

(सूर्यः , वृक्षाः , वृषभौ , पुष्पाणि , कृषकः , उदेति , हलम् , कुटीरम् , विकसन्ति , भ्रमति , कर्षति)



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नोट – सभी प्रश्नों के उत्तर देना अनिवार्य है। ध्यानपूर्वक पढ़कर उत्तर लिखें। अक्षर सुंदर व स्पष्ट लिखें।

- प्र०1. निम्नलिखित गद्यांश को पढ़कर प्रश्नों के उत्तर लिखिए। (5)
- संसार में शांति, व्यवस्था और सद्भावना के प्रसार के लिए बुद्ध, ईसा मसीह, मुहम्मद चैतन्य, नानक आदि महापुरुषों ने धर्म के माध्यम से मनुष्य को परम कल्याण के पथ का निर्देश किया, किंतु बाद में यही धर्म मनुष्य के हाथ में एक अस्त्र बन गया। धर्म के नाम पर पृथ्वी पर जितना रक्तपात हुआ उतना और किसी कारण से नहीं। पर धीरे-धीरे मनुष्य अपनी शुभ बुद्धि से धर्म के कारण होने वाले अनर्थ को समझने लग गया है। भौगोलिक सीमा और धार्मिक विश्वासजनित भेदभाव अब धरती से मिटते जा रहे हैं। विज्ञान की प्रगति तथा संचार के साधनों में वृद्धि के कारण देशों की दूरियाँ कम हो गई हैं। इसके कारण मानव-मानव में घृणा, ईर्ष्या वैमनस्य कटुता में कमी नहीं आई। मानवीय मूल्यों के महत्त्व के प्रति जागरूकता उत्पन्न करने का एकमात्र साधन है शिक्षा का व्यापक प्रसार।
- क) मनुष्य अधर्म के कारण होने वाले अनर्थ को कैसे समझने लगा है।
- | | |
|-------------------------------------|-----------------------|
| अ) संतों के अनुभव से | ब) वर्ण भेद से |
| स) घृणा, ईर्ष्या, वैमनस्य, कटुता से | द) अपनी शुभ बुद्धि से |
- ख) विज्ञान की प्रगति और संचार के साधनों की वृद्धि का परिणाम क्या हुआ है?
- | | |
|---------------------------------|--------------------------------------|
| अ) देशों में भिन्नता बढ़ी है। | ब) देशों में वैमनस्यता बढ़ी है। |
| स) देशों की दूरियाँ कम हुई हैं। | द) देशों में विदेशी व्यापार बढ़ा है। |
- ग) देश में आज भी कौन-सी समस्या है?
- | | |
|---------------------|-------------------|
| अ) नफरत की | ब) वर्ण-भेद की |
| स) सांप्रदायिकता की | द) अमीरी-गरीबी की |
- घ) किस कारण से देश में मानव के बीच घृणा, ईर्ष्या, वैमनस्यता एवं कटुता में कमी नहीं आई है?
- | | |
|------------------------|---------------------|
| अ) नफरत से | ब) सांप्रदायिकता से |
| स) अमीरी-गरीबी के कारण | द) वर्ण-भेद के कारण |
- ङ) मानवीय मूल्यों के महत्त्व के प्रति जागरूकता उत्पन्न करने का एकमात्र साधन है।
- | | |
|---------------------------------------|--------------------------|
| अ) शिक्षा का व्यापक प्रसार | ब) धर्म का व्यापक प्रसार |
| स) प्रेम और सद्भावना का व्यापक प्रसार | द) उपर्युक्त सभी |

प्र०2. निम्नलिखित पद्यांश को पढ़कर प्रश्नों के उत्तर लिखिए। (5)

कुछ काम करो, कुछ काम करो, जग में रहकर कुछ नाम करो।
यह जन्म हुआ किस अर्थ अहो! समझो जिसमें यह व्यर्थ न हो।
कुछ तो उपयुक्त करो तन को, नर हो न निराश करो मन को।
सँभलों कि सुयोग न जाए चला, कब व्यर्थ हुआ सद्दुपाय भला?
समझो जग को न निरा सपना, पथ आप प्रशस्त करो अपना।
अखिलेश्वर है अवलंबन को, नर हो न निराश करो मन को।

- क) कवि मनुष्य को निराश न होने के लिए क्यों कह रहा है?
 ख) कवि के अनुसार मानव जीवन किस प्रकार व्यर्थ नहीं होगा?
 ग) हमें समय रहते क्यों सँभल जाना चाहिए?
 घ) जग को निरा सपना क्यों समझना चाहिए?
 ङ) इस पद्यांश का उचित शीर्षक दीजिए।

- प्र०3. पत्र-लेखन। (5)
 अपने मुहल्ले के पोस्टमैन की कार्यशैली का वर्णन करते हुए पोस्ट मास्टर को शिकायती पत्र लिखिए।
 प्र०4. अनुच्छेद लेखन। (शब्द सीमा – 100 से 120) (5)
 'दूरदर्शन की उपयोगिता'
 संकेत बिंदु – दूरदर्शन का अर्थ , मनोरंजन का साधन , लाभ और हानि।
 प्र०5. संवाद लेखन। (5)
 आउटडोर खेल का महत्व बताते हुए माँ – बेटे के बीच में संवाद लिखिए।

व्याकरण

- प्र०6. निर्देशानुसार पूर्ण कीजिए। (15)
- | | |
|--|---|
| क) संस्कृत , पंजाबी | (लिपि लिखिए) |
| ख) हाथी अथवा स्त्री | (दो-दो पर्यायवाची शब्द लिखिए) |
| ग) संकल्प , संयोग | (विलोम शब्द लिखिए) |
| घ) जो अपने पाँव पर खड़ा हो। | (वाक्यांश के लिए एक शब्द लिखिए) |
| ङ) सुगंधित अथवा प्रशासनिक | (मूल शब्द में से उपसर्ग तथा प्रत्यय अलग कीजिए) |
| च) भला – बुरा अथवा चौराहा। | (विग्रह कर समास का नाम लिखिए) |
| छ) कायर अथवा बुरा | (भाववाचक संज्ञा में परिवर्तित कीजिए) |
| ज) नौकरानी झाड़ू लगा रही है। | (लिंग परिवर्तन कीजिए) |
| झ) लड़कियाँ मालाएँ बना रही हैं। | (वचन परिवर्तन कीजिए) |
| ट) रवि घोड़े से गिर पड़ा। | (कारक का भेद लिखिए) |
| ठ) गिरीश खाना खाकर सो गया। | (वाक्य में संरचना के आधार पर क्रिया का भेद बताइए) |
| ड) बच्चे क्रिकेट खेल रहे थे। | (वाक्य में क्रिया के काल का भेद बताइए) |
| ढ) <u>वाह!</u> क्या गाना गाया है। | (रेखांकित पद का परिचय दीजिए) |
| ण) मेरा तो प्राण निकल गया। | (वाक्य का शुद्ध रूप लिखिए) |
| त) तीन बेर खाती थी, वे तीन बेर खाती है | (अलंकार का भेद बताइए) |
- प्र०7. निम्नलिखित गद्यांश को ध्यानपूर्वक पढ़े तथा पूछे गए प्रश्नों के उत्तर लिखिए। (5)
 गुफाओं और चट्टानों में बनाए मनोहारी चित्रों के उदाहरण हमें मध्य प्रदेश के भीमबेटका और पंचमढ़ी में मिलते हैं। भीमबेटका के शिलाचित्र मुख्यतः लाल और सफेद रंगों के प्रयोग से बने हैं। उनमें कहीं-कहीं हरे, पीले रंग का प्रयोग भी किया गया है। यह अनुमान है कि चमकदार हरे रंग के लिए ताँबे के यौगिक का प्रयोग किया गया होगा तथा लाल, पीले, नारंगी और भूरे रंगों के लिए लोहे के ऑक्साइड तथा सफेद रंग के लिए चूने के पत्थरों से रंग प्राप्त किया होगा।
- क) गुफाओं और चट्टानों में बनाए मनोहारी चित्रों के उदाहरण हमें कहाँ मिलते हैं?
 ख) भीमबेटका के शिलाचित्र मुख्यतः किन रंगों के प्रयोग से बने हैं?
 ग) शिलाचित्र में चमकदार हरे रंग के लिए किसका प्रयोग किया जाता होगा?
 घ) शिलाचित्र में सफेद रंग के लिए रंग कहाँ से प्राप्त किया गया होगा?
 ङ) उपर्युक्त गद्यांश आपकी पाठ्यपुस्तक के किस पाठ से लिया गया है? पाठ का नाम लिखिए।

प्र०8. निम्नलिखित पद्यांश को ध्यानपूर्वक पढ़े तथा पूछे गए प्रश्नों के उत्तर लिखिए। (5)

तुम एकमूर्ति, प्रतिमूर्ति कोटि, हे कोटिमूर्ति! तुमको प्रणाम,
युग बढ़ा तुम्हारी हँसी देख, युग हटा तुम्हारी भृकुटि देख,
तु अचल मेखला बन भू की खींचते काल पर अमिट रेख,
तुम बोल उठे, युग बोल उठा, तुम मौन बने, युग मौन बना,

क) प्रस्तुत पद्यांश आपकी पाठ्यपुस्तक के किस पाठ से लिया गया है? पाठ का नाम लिखिए।

ख) गाँधीजी की भृकुटि देखकर लोग क्या समझते थे?

ग) मेखला शब्द का अर्थ लिखिए।

घ) अचल शब्द का विलोम शब्द लिखिए।

ङ) उपर्युक्त पद्यांश में कवि किस को बार-बार प्रणाम कर रहा है?

प्र०9. शब्दार्थ लिखिए। (6)

तृप्ति , दोष , यथार्थ , खातिरदारी , इल्म , निरीक्षण

प्र०10. निम्न में से किन्हीं 6 प्रश्नों के उत्तर लिखिए। (18)

क) जॉन्सन की प्रतिभा को पहचानने और निखारने में किन-किन लोगों का हाथ है?

ख) अलगू और जुम्नन दोस्ती की मिसाल थे। एकाएक उनकी मित्रता दुश्मनी में कैसे बदल गई?

ग) मियाँ गुमसुम ने बत्तोरानी को 'सूरज' क्यों कहा?

घ) नीलकंठ ने स्वयं ही अपने को सभी जानवरों का सेनापति और संरक्षक नियुक्त कर लिया था। कैसे?

ङ) मनुष्य का जीवन नदी के समान है। कैसे?

च) चित्रगुप्त ने धर्मराज को पृथ्वी पर हो रहे किन भ्रष्टाचारों के बारे में जानकारी दी?

छ) कौरव पाँडवों को कायर क्यों समझते थे?

ज) भ्रष्ट डॉक्टरों का पर्दाफाश करते हुए जमूरा क्या बताता है?

बुद्ध-चरित

प्र०11. निम्न में से किन्हीं दो प्रश्नों के उत्तर लिखिए। (6)

क) बुद्ध पूर्णिमा क्यों मनाई जाती है?

ख) आम्रपाली को महात्मा बुद्ध ने क्या समझाया?

ग) सिद्धार्थ के द्वारा अपनी सोती हुई पत्नी और बच्चे छोड़कर ज्ञान प्राप्ति के लिए जाना उचित था या अनुचित? अपने विचार व्यक्त कीजिए।