

CLASS-VIII
SUBJECT-SCIENCE
QUESTION BANK

- Q1) What is acid rain? Write its causes and effects.
- Q2) Why does the increased level of nutrients in the water effect the survival of aquatic organisms?
- Q3) Name greenhouse gases.
- Q4) What is Global warming?
- Q5) Define constellation ,meteors and meteorites.
- Q6) What are the artificial satellites? Write the uses?
- Q7) What is regular and irregular reflection?
- Q8) Define reflection and multiple reflection.
- Q9) Write two laws of reflection.
- Q10) Draw a labelled diagram of internal structure of human eye.
- Q11) Draw a labelled diagram of electroscope.
- Q12) What is electroplating? Explain the process of electroplating of copper metal on iron article?
- Q13) What is noise pollution? Write the harmful effects of noise pollution.
- Q14) Write the characteristics of sound.
- Q15) Name musical instruments and give atleast one-one example of each.
- Q16) What is combustion?Write the different types of combustion with examples.
- Q17) Write the conditions on which combustion depends?
- Q18) 'CNG is a better fuel'. Explain it.
- Q19) Define ignition temperature and calorific value.
- Q20) Differentiate between metals and non-metals.
- Q21)Write the chemical equation to show chemical properties of metals and non-metals.
- Q22) Draw a labelled diagram of plant cell and animal cell.
- Q23) What is Prokaryotic cells and Eukaryotic cells?
- Q24) Define adolescence and puberty?
- Q25) How the sex of the baby can be determined?
- Q26) What changes takes place during puberty?

Q27) What are hormones?

Q28) Name different types of endocrine glands and their secretions.

Q29) What is force and pressure? Write their units.

Q30) Write the effects that force can cause.

SOCIAL SCIENCE

HISTORY

Q1) Why did many company officials in India want to promote Indian texts rather than western learning?

Q2) What were the views of other company officials?

Q3) Define the term 'Vernacular'. Why did the British use this term in colonial countries like India?

Q4) Why did the company take decisions to improve the system of vernacular education?

Q5) What measures were taken by the English Education Act of 1835?

Q6) What measures were taken by the British after issuing of Wood's despatch?

Q7) Why did E.V. Ramaswamy Naicker leave the Congress?

Q8) Who was Raja Rammohun Roy?

Q9) What did Raja Rammohun Roy do to end the practice of sati?

Q10) What was reason for the criticism of caste prejudice by Dr.B.R.Ambedkar?

Q11) What were the demands of the Congress in its early years?

Q12) What caused the partition of Bengal in 1905?

Q13) What were the consequences of the partition of Bengal?

Q14) What was the Khilafat Agitation?

Q15) How did people participate in the Non-cooperation movement during 1921-22?

Q16) What created problems in unifying the people of India after it got independence?

Q17) What was the level of development of India at the time of independence?

Q18) Describe the features of the Indian Constitution.

Q19) What were the process of state formation with the new state of Andhra Pradesh?

Q20) How did the constituent Assembly solve the language problem?

GEOGRAPHY

Q1) Write a short note on the types of economic activities. Give examples.

Q2) Name the inputs and the outputs of agriculture in general. Also mention the various operations involved.

- Q3) Explain Shifting Cultivation.
- Q4) What do you understand by agricultural development?
- Q5) Describe subsistence farming and its types in details.
- Q6) Describe commercial farming in details.
- Q7) Describe briefly the classification of industries on the basis of raw material used.
- Q8) Describe the inputs, processes and outputs in an industrial system with an examples.
- Q9) Give examples of industrial regions in India and the World.
- Q10) Write the properties and significance of steel.
- Q11) What factors supported Sakchi being chosen to set up steel plant by TISCO?
- Q12) Describe the cotton textile industry with special reference to its history and spread in India.
- Q13) Write a short notes on (A) iron and steel industry in Pittsburgh and (B) cotton textile industry in Osaka.
- Q14) Describe how various factors affect population distribution.
- Q16) What is population pyramid?
- Q17) Why are river valleys densely populated ?
- Q18) Distinguish between birth rate and death rate.
- Q19) How are human resources distinguish from other resources?
- Q20) What is life expectancy?

CIVICS

- Q1) What role do the police play in investigating a crime?
- Q2) What is a chargesheet?
- Q3) Write a short note on First Information Report(FIR).
- Q4) What role does public prosecutor play in the criminal justice system?
- Q5) What is fair trial? Describe its essential elements.
- Q6) What do you know about Adivasis?
- Q7) How are Adivasis stereotyped?
- Q8) Describe various reasons that forced Adivasis to move from their lands.
- Q9) Describe marginalisation in context of the adivasi and muslim communities.
- Q10) Who are minorities? How are they safeguards by the Indian constitution?
- Q11) How can you say that there are great inequalities in water use?
- Q12) What do you know about the Right to Education?

Q13) Describe the role of the government regarding to public facilities.

Q14)What is the worth of an Indian workers?

Q15)Write the adverse effects of orders on environment issues given by courts. What can be done to make environment safe?

ENGLISH

Q1) What was taught in the school of city?

Q2) Which time was mentioned as the happiest half hour?

Q3) Whose routine was changed after shifting to the city?

Q4) How did the grandmother look?

Q5) Who wore a big turban?

Q6) Which birds were fed by the grandmother?

Q7) What is the name of narrator (A Strange Transformations)?

Q8) What was Gregor's job? Why was he doing the job?

Q9)Why was Gregor unable to sleep longer?

Q10)Why is the caged bird angry?

Q11)What is the meaning of the phrase 'the grave of dreams'?

Q12) Why did the bird can no longer fly?

Q13)Why is the caged bird singing?

Q14)Compare the life of caged bird and free bird.

Q15)What is the major step in the tradition of story telling?

Q16)What do you understand by 'Hieroglyphic language'?

Q17)How do uneducated masses continue to share their stories?

Q18)Who has invented the primary press?

Q19)Which class was able to read the written word during the middle ages?

Q20)What is the most popular form of sharing stories today?

Q21) What do you mean by rich tradition?

Q22) Why is the free bird 'owns the sky'?

MATHS

CHAPTER 2: EXPONENTS

1. Find the value of $(4^0 + 4^{-1}) \times 2^2$
2. Solve 3^{-4} and $(\frac{1}{2})^{-2}$
3. Simplify the following expression and express the result in positive power notation:
 $(-4)^5 \div (-4)^8$
5. Express 4^{-3} as a power with base 2.
7. Find the value of x for which $2^x \div 2^{-4} = 4^5$
8. Evaluate $a^2 \times a^3 \times a^{-5}$

CHAPTER 6: ALGEBRA

1. Lateral surface area of a cylinder
(a) $\pi r^2 h$ b) $2\pi r h$ c) $2\pi r[r+h]$
2. Total surface area of a cylinder
(a) $2\pi r h$ b) $2\pi r^2 h$ c) $2\pi r[r+h]$
3. When the radius is doubled surface area of a cylinder increases by ____ times .
(a) 2 b) 4 c) 6 d) 8
4. When the height is doubled the lateral surface area of a cylinder increases by ---- times .
(a) 2 b) 4 c) 6 d) 8
5. There are 2 cuboid boxes having measurements $60 \times 40 \times 50$ and $50 \times 50 \times 50$. Which box requires the lesser amount of material to make .
(a) $60 \times 40 \times 50$ b) $50 \times 50 \times 50$ c) both same .
6. Surface area of a cube having side 6cm
(a) 6 b) 6^2 c) 6^3 d) none of these
7. Total surface area of a cuboid includes the area of
(a) 4 faces b) 2 faces c) 6 faces d) 3 faces
8. Ratio between the lateral area and base area of a cuboid
(a) 1:2 b) 2: 1 c) 4:1 d) 1:4
9. Lateral surface area of a cuboid
(a) Base area x height b) Base perimeter x height c) volume/2
10. Two cubes each with side b are joined to form a cuboid .
What is the surface area of this Cuboid
(a) $12b^2$ b) $10b^2$ c) $18b^2$ d) none of these .
11. Base perimeter of a room is 34m and the height of the room is 10m .

Find the area of the four side walls .

(a) $34 \times 10 \text{ m}^2$ (b) $2 \times 34 \times 10 \text{ m}^2$ (c) $34 \times 10 \times 10 \text{ m}^2$ (d) none of these.

12. The curved surface area of a cylinder is $100\pi \text{ m}^2$. Length of the cylinder is 10 m .

Find its Radius .

(a) 10m (b) 5m (c) 20m (d) none of these

CHAPTER 3: SQUARE AND SQUARE ROOTS

1. 196 is the square of

(a) 11 (b) 12 (c) 14 (d) 16

2. Which of the following is a square of an even number?

(a) 144 (b) 169 (c) 441 (d) 625

3. A number ending in 9 will have the units place of its square as

(a) 3 (b) 9 (c) 1 (d) 6

4. Which of the following will have 4 at the units place?

(a) 14^2 (b) 62^2 (c) 27^2 (d) 35^2

5. How many natural numbers lie between 5^2 and 6^2 ?

(a) 9 (b) 10 (c) 11 (d) 12

6. Which of the following cannot be a perfect square?

(a) 841 (b) 529 (c) 198

(d) All of the above

QUESTION BANK

HINDI

VIII

प्रश्न:- निम्नलिखित प्रश्नों के उत्तर विस्तारपूर्वक लिखिए:-

- 1) बेल के वृक्ष के विषय में कौन-सी लोककथा प्रचलित है?
- 2) 'बट-सावित्री' कृत से संबंधित कदानी संक्षेप में लिखिए।
- 3) शुक्ल प्रथा के अनुसार आम के पेड़ में फल न निकलने पर क्या उपाय किया जाता है?
- 4) राजा दशरथ की आकास्मिक मृत्यु क्यों हुई?
- 5) हंस बेचारा क्यों मारा गया?
- 6) 'मनुष्य के चरित्र को उसकी संगति के अनुसार नापा जाता है।' क्या आप इस बात से सहमत हैं?
- 7) लैखन ने बाबू को क्या समझाया?
- 8) लैखन का पासपोर्ट आफिस में कैसा अनुभव रहा?
- 9) पिंजरे की परिपाटी से आप क्या समझते हैं?
- 10) दोनों पंखी शुक्ल दूसरे को क्यों नहीं समझ पाते?
- 11) बड़े-बड़े डॉक्टर क्या नहीं समझ पा रहे थे?
- 12) कागज़ क्लब की स्थापना का क्या उद्देश्य था?
- 13) मित्र ने घर में दंगाभा सुनकर क्या कहा?
- 14) नौकरों ने कुत्ते को भोजन देने में क्यों आपत्ति की?

प्रश्न:- निम्नलिखित उपसर्गों से दो-दो शब्द बनाइए:-

अ, आति, अनु, अप, अक, अभि, आ, उप, नि,
परा, वि, स, सु, औ, दु, नि, भर, पर, सह

P.T.O