ENGLISH

Q. 1   Compare and contrast the atmosphere in and around the Baudhnath shrine with the Pashupathinath temple.

Q. 2   Write the poem 'Fear No More'in your notebook after reading it 2-3 times.

Q. 3   The following story had been left unfinished by its writer.Complete the same in about 150-200 words.
A stag was proud of his horns but treated his legs inferior. "How ugly and thin they are",he often said.One day some hunters came to the forest.They wanted to kill the stag.He ran for life……………………………

Q. 4   Write a diary entry about how you helped an old woman who was travelling by herself in the bus.

Q. 5   Books are the main source of knowledge.Whether we read book printed on paper or internet,their importance can not be denied.They serve as our best friends and companions.Write an Article in about 150 words on 'Books are our best companions'.
You are Rachit/Rachita.

HINDI

शीतकालीन अवकाश कार्य
कक्षा – नवमी
विषय – हिंदी   कुल अंक : 20

प्रश्न 1. 'दिल्ली में मेट्रो की भूमिका' – एक अनुच्छेद लिखिए।

प्रश्न 2. सत्संगति का महत्व बताते हुए छोटी बहन को पत्र लिखिए।

प्रश्न 3. खाद्य पदार्थों के विषय में बात करते हुए (मिलावट संबंधी) दो मित्रों के बीच संवाद लिखिए।

प्रश्न 4. मसालों के प्रचलित ब्रांड के लिए एक आकर्षक विज्ञापन तैयार कीजिए।

प्रश्न 5. पाठ 'दिए जल उठे' के शीर्षक की सार्थकता स्पष्ट कीजिए।

MATHS

1. The dimensions of a cuboid are in the ratio of 1:2:3 and its total surface area is 88m.find the dimensions.

2. Length of classroom is two times its height and its breadth is one and a half times its height . The cost of white washing the walls at the rate of Rs 1.60 per m2 . is Rs 179.20 . find the cost of tiling the floor at the rate of Rs 6.75 per m2.

3. A hollow cylindrical pipe is 210cm long. Its outer and inner diameters are 10cm and 6cm respectively. Find the volume of the copper used in making the pipe.

4. How many lead balls, each of radius 1 cm, can be made from a sphere of radius 8 cm?

5. A corn cob shaped somewhat like a cone has the radius of its broadest end as 2.1 cm and length (height) as 20 cm. If each 1 cm square of the surface of the cob carries an average of four grains, find how many grains you would find on the entire cob.

6. How many spherical solid bullets can be made out of a solid cube lead whose edge measures 44cm, each bullet being 4cm in diameter.

SCIENCE

1. A body travels a distance of 3 km towards East then 4 km towards North and finally 9 km towards East.
   (a) What is the total distance traveled?
   (b) What is the resultant displacement?
2. State the differences between contact and non contact forces.
3. What happens to gravitational force between two objects when the distance between them is halved?
4. State the differences between contact and non contact forces.
5. Answer the following
   (a) What is amplitude
   (b) Name the characteristics of sound
6. What is meant by white revolution?
7. What are the effects of 'revolutions like green revolution, white revolution' on the environment?
8. Why is there a need to improve the production from agriculture and animal husbandry?
9. What is meant by crop plants or crops?
10. What do we get from cereals, pulses, fruits and vegetables?
11. What is meant by atomic number of an element? Does the atomic number of an element change when its atoms form ions? Give one example each of diatomic and triatomic molecules.
12. What are the properties of cathode rays?
13. Who discovered the fundamental particles neutron, electron and proton?
14. What are the properties of Anode rays?
15. What is Bohr's mode of atom?
16. What is Rutherford's Nuclear Model of an atom?

SST

1. Discuss any five anti-poverty measures.
2. Describe the February revolution of Russia.
3. Differentiate between Western and Eastern ghats.
4. Describe the condition of Albanian citizen of Kosovo.
5. What are rights? Why do we need rights?

FIT

Q1. Explain the components of a chart in openoffice Calc.
Q2. Explain the types of charts in openoffice Calc.
Q3. Explain the different types of transmission media in Computer networks.
Q4. Differentiate between Radiowaves and microwaves.
Q5. Make a chart on Network Devices.