

## ENGLISH

1. Read the following chapters. Write down the difficult words and find their meanings from a dictionary.

- (a) The Invention of Vita Wonk
- (b) Fire : Friend and Foe
- (c) A Bicycle in Good Repair
- (d) The Story of Cricket

2. Write 100 words adding suffixes and prefixes. (50 suffixes and 50 prefixes)

3. Study the following grammar items and make brief notes.

- (a) Modals ( can, could, should, may, must, ought to)
- (b) Adverbs ( place, manner, time )
- (c) Prepositions ( on, in, at )

4. Write an essay on how you spent your autumn vacation. (500 words)

## HINDI

### (HIGHER)

१. सुलेख लिखिए - ७ पृष्ठ ।
२. किन्हीं १५ पर्यायवाची शब्दों के तीन-तीन पर्यायवाची लिखिए ।
३. रहीम के दोहों को कंठस्थ करते हुए लिखिए ।
४. छोटी बहन और दादाजी को पत्र लिखिए ।
५. अनुच्छेद लिखिए – समय पालन . प्रदूषण की समस्या
६. अपनी किताब से २० शब्दों के विलोम शब्द लिखिए ।
७. विशेषण की परिभाषा बताते हुए उदाहरण सहित उसके भेद लिखिए ।

### (LOWER)

१. होली आई कविता को याद करते हुए कविता को लिखिए ।
२. अनुच्छेद लिखिए- मेरा देश , आदर्श विद्यार्थी
३. अपनी किताब से २० शब्दों के विलोम शब्द लिखिए ।
४. सर्वनाम की परिभाषा बताते हुए उदाहरण सहित उसके भेद लिखिए ।
५. अपने बड़े भाई को अपने घर आने की सूचना देते हुए पत्र लिखिए ।
६. किन्हीं १० शब्दों के तीन- तीन पर्यायवाची शब्द लिखिए ।
७. सुलेख लिखिए - ७ पृष्ठ ।

## ODIA

### (LOWER)

ସମସ୍ତ ପ୍ରଶ୍ନର ଉତ୍ତର ଦିଅ

୧. ଚଳ ଶବ୍ଦଗୁଡ଼ିକୁ ସଜାଇ ଲେଖ ।  
କାଳିଅଙ୍ଗା, ହାଟଅସ୍ୟ, ଜୁଆରଭଙ୍ଗା, ପଶିଙ୍ଗ୍ୟ, ଜାରିକାଉ
୨. ବାକ୍ୟ ଗଠନ କର ।  
ଋଦୁଆ, ସୁନ୍ଦର, ଅନ୍ଧାର, ନଇବନ୍ଧ
୩. ତୁମ ଅଞ୍ଚଳରେ ଡାକ୍ତରଖାନା ନ ଥିଲେ କ'ଣ ଅସୁବିଧା ହେବ ?
୪. ତୁମ ଗାଁରେ ବିଦ୍ୟାଳୟ ନ ଥିଲେ ତୁମର କି ଅସୁବିଧା ହୁଅନ୍ତା ?

୫. ତୁମ ବିଦ୍ୟାଳୟରେ କ'ଣ କ'ଣ ଅଛି ଅଲଖ ।
୬. ତୁମ ଘର କେଉଁ ଗ୍ରାମ ପଥାୟତରେ ଅଛି ?
୭. ତୁମ ଗ୍ରାମ ପଥାୟତର ସରପଞ୍ଚଙ୍କ ନାମ କ'ଣ ?
୮. ତୁମେ ପଢୁଥିବା ବିଦ୍ୟାଳୟର ନାମ କ'ଣ ?
୯. ଗ୍ରାମ ପଥାୟତ କି କି କାମ କରେ ?
୧୦. ଦୁଷ୍ଟକ୍ତବାବୁ କୁଆଡ଼େ ବୁଲିବାକୁ ଯୋଜନା କରିଥିଲେ ?
୧୧. ଅଜାଳିକା ଆଗରେ ଗାଡ଼ି କେତେବେଳେ ପହଞ୍ଚିଲା ?
୧୨. ଗାଁ ଦାଣ୍ଡରେ ଗାଡ଼ିଗି କେମିତି ଯାଉଥିଲା ?
୧୩. ଏଣୁଅ ହାତୀକୁ କି ଉପଦେଶ ଦେଲା ?
୧୪. ଦୂଷ୍ଟିତ ଜଳରୁ କେଉଁ ସବୁ ରୋଗ ହୁଏ ?
୧୫. ଏଣୁଅର ଉପଦେଶ ଶୁଣି ହାତୀ କ'ଣ କହିଲା ?

### (HIGHER)

1. Write all Question and answers of lessons:-

- i. Kalamanika (poem)
- ii. Ramayan Katha (prose)
- iii. Tara O' Surya (poem)
- iv. Ame dharani bukura sishu (Nataka)
- v. Mo Pila Bela Katha (Story)
- vi. Dekhi Nahi ketedinu Khandagiri (poem)
- vii. Satyara Pujari Harihara (prose)
- viii. Kahibi Katha ti (poem)
- ix. Mrutu Bijaye (prose)
- x. Choto Moro Ganti (poem)

☆ Write all given essays, letters, grammars and applications

## MATHEMATICS

Class –VII ( Questions from NCERT Textbook)

EXERCISE	Questions
1.4	1,3
2.3	5,6,7
2.4	2,3,4
2.5	4,5,6
2.6	2,4,5
2.7	5,6
3.2	1,3,4
4.2	3,4
4.3	2,3
5.1	13,14
5.2	5,6
6.4	1,3,6
6.5	3,7,8
7.2	3,5,6
8.2	8,9,10
8.3	9,10,11
9.1	7,8,9,10
9.2	1,2,3,4

Write life history of the great mathematician Shri Ramanujam

## PHYSICS

**Answer the following.**

1. Why holes are made in hanging banners and hoardings
2. Define radiation. Give any two examples where heat is transferred by radiation.
3. State the type of motion exhibited by the following
  - a. Motion of a child in merry-go-round
  - b. Motion of a swing
4. Write two points regarding the process of convection.
5. Define time period of a pendulum. A simple pendulum takes 30s to complete 12 oscillations. What is the time period of the pendulum?
6. "High speed winds are accompanied by reduced air pressure". Explain it with the help of an activity.
7. Draw a labeled diagram of a Clinical Thermometer
8. (i) Explain the formation of land breeze briefly  
(ii) Why is the box of solar cooker painted black from inside?
9. The distances travelled by a car at various time intervals are as follows:

Distance (m):	0	3	6	9	12	15
Time (s):	0	1	2	3	4	5

  - a. Draw distance-time graph for the car
  - b. What conclusion do you get from this graph about the nature of the motion of the car?
10. Explain the conduction process with the help of an activity.

## CHEMISTRY

Read your Text book chapter Water: A precious Resource and answer the following question.( Write question and followed by its answer)

1. Which day of the year is observed as world water day?
2. How much water per person per day is recommended by United nation?
3. Which year was observed as the International year of freshwater?
4. What percent of the earth's surface is covered with water?
5. Name some sources of water.
6. What do you mean by fresh water?
7. Give some examples of solid, liquid and gaseous form of water found in nature.
8. Look at the Fig.16.5 ( water cycle) and write the name against each number(1-7).  
Jumbled words are given in the right side of the figure.
9. What is water table?
10. What is ground water?
11. What is infiltration?
12. What is aquifer?
13. How do we use water from aquifer?

14. How water drawn from underground gets replenished?
15. How does water table go down?
16. Give some activities by which water table go down.
17. How increasing population is responsible for ground water to go down?
18. How increasing industries is responsible for ground water to go down?
19. How agricultural activities are responsible for ground water to go down?
20. What is the effect of excessive rains?
21. What is the effect of the absence of rain?
22. What do you mean by rain water harvesting?
23. What is Bawris?
24. What do you mean by drip irrigation?
25. Write two water-wise habits.
26. Draw the labelled diagram for the followings;
  - a) Water cycle ( Fig.16.5)
  - b) Ground water and water table ( Fig.16.7)
  - c) Drip irrigation in a field. ( Fig.16.9)

## **BIOLOGY**

1. Draw the structure of human heart. (from Text Book)
2. Define pulse rate.
3. Write down the functions of WBC.
4. Why RBC are Red in colour?
5. Differentiate between artery and vein.
6. What is the approximate size of human heart?
7. Name two animals which do not have circulatory system and how do they survive?
8. Which blood cell is responsible for blood clotting in human?
9. Which blood vessel is responsible for exchange of substance between cells and tissues.
10. What is the role of Pulmonary artery in human heart?

## **HISTORY & CIVICS**

1. List the two technological and stylistic development that were noticeable in India since 12<sup>th</sup> century.
2. Give instance of Shah Jahan adapting the river-front garden architectural form.
3. How did Shah Jahan establish a connection between royal justice and imperial court?
4. Why was the greek god orpheus depicted at Shah Jahan's court Delhi ?
5. Why were temples attacked in medieval India ?
6. Write a short note on Qutb minar ?
7. According to an inscription in the Delhi mosque , why did god choose Allardin Khilji as ruler?
8. What was the river-front garden ?
9. What was the Chahar bagh form of architecture ?

10. How was the river –font garden architectural form adapted by Shah Jahan while constructing Shah Jahanabad ?
11. Write a short note on Kandariya Mahadeva temple ?
12. How is the “Trabeate” principle of architecture different from “Arcuate” ?
13. What is shikhara ?
14. What is Pietra-dura?
15. What are the elements of Mughal Chahar Bagh garden ?
16. How did a temple communicate the importance of king ?
17. An inscription of Shah Jahan’s Diwan-i-Khas in Delhi started : “if there is paradise on earth, it is here, it is here, it is here.” How was this image created ?
18. How did the Mughal court suggest that everyone the rich and the poor, the powerful and the weak received justice equally from the emperor ?
19. What role did the Yamuna play in the layout of the new Mughal city at Shah Jahanabad ?
20. Discuss the contribution of Ramabai to women’s education ?
21. How did the 2010 Commonwealth Games break gender stereotypes in India ?
22. What does Rokeya’s portrayal of Ladyland tell us about her view on women?
23. State the Indian laws that prevent atrocities and discrimination against women?
24. According to the text, do you think Xavier’s father was fair in asking him to opt for science and maths, while Xavier wanted to study history and languages?

## **GEOGRAPHY**

- 1) Collect different types of leaves and paste them in your note-book. Also write their uses. ( at least 10)
- 2) Collect pictures of animals that lived in cold & dry regions. (at least 5 each)
- 3) Write the differences between tropical evergreen forest and tropical deciduous forest?
- 4) On a world map locate different grasslands.
- 5) Explain the six classification of the forest.

## **INFORMATION TECHNOLOGY**

1. What is the difference between Chart area and Plot area?
2. Discuss any two commonly used Chart types in MS Excel.
3. Briefly explain the following terms:-----
  - a) Chart
  - b) Data series
  - c) Category Name
  - d) Value axis