# DEWAN PUBLIC SCHOOL INTERNATIONAL, MEERUT

# WINTER BREAK ASSIGNMENT 2017-18

# CLASS-VII

## ENGLISH

**General instructions**
- **The assignment should be hand written.**
- **It should be well prepared.**
- **Assignment to be done in note book.**

### Literature section

Q1.    Based on your reading of the play 'Fourteen' write a paragraph of not less than 250 words on how Mrs. Pringle's plans of having fourteen at her dinner table keep changing.

Q2. Which is the fear that haunts the mind of the people of Nepal after the tremors have subsided? Do you think their fears are justified?

### Writing section

Q3.    Write a letter to the Editor of a local newspaper highlighting the miserable conditions in which street people live in your neighbourhood.
    In your letter you should –
- Give an estimated number of such people and the area where they are seen.
- Describe the miserable conditions they live in-dirt, disease, lack of basic amenities etc.
- Suggest what can be done to provide them shelter, food and clothes.

Q4.    Write a short story based on the following hints. Give your story a suitable title.
    Hints :- Priya .........14 years old ......domestic help ......... excellent singer ........ natural singer ........... would often sing while at work ........one day a visitor noticed her sing ........ made a video of her song ........ Uploaded it on you tube ......... video become viral ......... Priya becomes a singing sensation overnight.

Read a story of your choice. Write a review of the story that you have read.

## Grammar section

Q5.　BBC – following exercises to be done in BBC itself
　1.　Page no. – 309 to 315 ( Active and passive voice)
　2.　Page no. – 319 to 325 ( Direct and indirect speech )

# HINDI

प्रश्न–1 अपने राज्य के मुख्यमंत्री को अपने क्षेत्र की बस सुविधाएँ सुधारने हेतु पत्र लिखिए।

प्रश्न–2 निम्नलिखित विषय पर लगभग 180 शब्दों में अनुच्छेद लिखिए।

(क) वृक्षारोपण : एक सामाजिक दायित्व

संकेत बिंदु–

- वृक्षारोपण का अर्थ

- वृक्षविहीन धरती का रूप

- दुष्परिणाम

- महत्व

आलोक–सभी कार्य हिंदी व्याकरण पुस्तिका में किया जाएगा।

# SANSKRIT

प्रश्न–2　अधोलिखितानि पदानि आधृत्य वाक्यानि रचयत–

प्रश्नाः

नवीनः

प्रातः

आगच्छति

प्रसन्नः

**प्रश्न–1 चित्रं दृष्ट्वा मञ्जूषातः पदानि च चित्वा पञ्चवाक्यानि रचयत।**

**मञ्जूषा**–खगा, विकसन्ति, कमलानि, उदेति, क्रीडन्ति, उडयन्ते, सूर्य, चित्रपङ्गाः, कुजन्ति, बालाः।



# MATHS

1. Two legs of a right triangle are equal and the square of its hypotenuse is 50. Find the length of each leg. (2)

2. Find the perimeter of a rhombus, the lengths of whose diagonals are 16cm. and 30 cm. (3)

3. An electrician sells a room heater for Rs. 3220 gaining $\frac{1}{6}$ of its cost price. Find his gain percent. (3)

4. By selling 8 dozen pencils, a shopkeeper gains the selling price of one dozen pencils. Find his gain percent (3)

5. If $\frac{4}{5}$ of a cistern is filled in 1 minute, how much time will be required to fill the empty cistern. (3)

6. A rope makes 140 rounds of the circumference of a cylinder, the radius of whose base is 14 cm. How many times can it go round a cylinder whose radius 20 cm? (3)

7. Calculate the median for the following data:

| Marks | 17 | 20 | 22 | 15 | 30 | 25 |
|---|---|---|---|---|---|---|
| No. of Students | 5 | 9 | 4 | 3 | 10 | 6 |

8. Hari borrowed Rs. 12600 from a money lender at 15% per annum simple interest. After 3 years, he paid Rs. 7070 and gave a goat to clear off the debt. What is the cost of the goat?

9. Divide Rs. 3600 into two parts such that is one part be lent at 9% per annum and the other at 10% per annum, the total annual income is Rs. 333.

10. The sides of a rectangular field in the ratio 4:3. If its area is 1728 m$^2$ , find the cost of fencing it at Rs. 30 per metre.
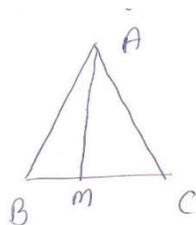
11. The area of a square is 16200 m$^2$. Find the length of its diagonal.

12. A rectangular grassy plot is 75 m long and 60 m broad. It has a path of width 2 m all around it on the inside. Find the area of the path and the cost of constructing it at Rs. 125 per m$^2$.

13. A sum of money at simple interest doubles itself in 8 years 4 months. In how much time will it treble itself?

14. A man goes 35 Km due north and then 4 Km due last. How far is he away from his initial position?

15. AM is a median of ΔABC. Prove that (AB+BC+CA) > 2AM

16. In a ∆ABC, if 2∠A = 3∠B = 6∠C, calculate ∠A, ∠B and ∠C.

17. The marks of 15 students in an examination are

20, 22, 26, 31, 40, 19, 25, 29, 23, 17, 24, 21, 35

Find the median marks.

18. The following table shows the weight of 12 players:

| Weight (in Kg) | 48 | 50 | 52 | 54 | 58 |
|---|---|---|---|---|---|
| No. of players | 4 | 3 | 2 | 2 | 1 |

19. Two coins are tossed simultaneously 200 times and we get

Two heads:58 times;          One head:83 times

O heads:59 times

20. A tricycle is sold at a gain of 15%. Had it been sold for Rs. 108 more, the profit would have been 20%. Find its cost price.

# SCIENCE

Q.1. Draw a well labelled diagram of a flower in notebook.

Q.2. Represent graphically the nature of the distance-time graph of motion of the following cases.

(a) The body is at rest.

(b) An athlete running with constant speed.

Q.3. Explain, how a cyclone is formed?

Q.4. What are the different methods of conservation of water?

Q.5. Write down the different uses of spherical mirrors.

# SOCIAL SCIENCE

Q.1. Find about any 5 Monuments of India. Prepare a project based on it, Include details like: Name of the ruler who built it, year, place, purpose, present condition.

Q.2. Collect pictures of Rural and Urban settlements. Prepare a collage of the same.

# COMPUTER

**Make a Database on school.**

**Guidelines:**

- Create two tables:
  1) Student Table        2) Marks Table
- In the student table enter ID, NAME, Ph. No.
- In the marks table enter marks of three subjects.
- Fill the five records in them.
- Save it in CD.

<u>Note</u>-Do all the given assignments in the respective subject notebooks.