

**G.A.V. PUBLIC SCHOOL , PATAUDA
(WINTER BREAK) HOLIDAY HOMEWORK
CLASS-IX**

Subject-English

Question 1 to 10 for (1)
marks each

1. Who was the author of "The accidental tourist"
2. Why are his teeth and gums navy blue?
3. Who is Santosh yadav ?
4. From where Santosh Yadav belonged?
5. Who is Maria Sharapova?
6. Who is the poet of "On Killing a Tree"
7. What is the name of bear?
8. Why was bear delighted?
9. What drank bear one time?
10. Who was writer of "The bond of love"

Question no. 11 to 15 for 3 marks each

11. What does the poet wish for the snake?
12. From where author brought bear and why?
13. What happened at last in "The bond of love"
14. What is the meaning of "bleeding bark" ?
15. What thing kills the tree?

Question no. 16 to 20 for 5 marks each

16. Write a letter to your parents for inviting them in your boarding school for annual day celebration.
17. Write an essay on
" Importance of teachers"
18. What happened with author while travelling by airplane?
19. Write a short summary of "The bond of love"
20. Write about Maria Shaapova?

Make a chart with pictures

Past tense (Roll no. 1 to 10)

Present tense (Roll no. 11 to 20)

Future tense (Roll no. 21 to 30)

CLASS IX (BIOLOGY)

Assignment. (DIVERSITY IN LIVING ORGANISM)

Q.1 In which Kingdom will you place an organism which is single celled Eukaryotic and photosynthetic ?

Q.2 Which division among plants has the simplest organism?

- Q.3 Name one basic characteristic for classifying organisms.
- Q.4 Define the term hermaphrodite.
- Q.5 Name two egg laying mammals.
- Q.6 Which division among plants has the simplest organism.
- Q.7 Why is it difficult to classify bacteria give two reasons.
- Q.8 what are species.
- Q.9 differentiate between bryophytes and pteridophytes.
- Q.10. Prawn house fly and Spider belong to one group. 1.Name the group 2. Justify the name given to this group.
- Q.11 list two distinguish features between annelids and arthropods.
- Q.12 write the type of body cavity and symmetry possessed by nematodes.
- Q.13 explain the basis for grouping organisms into five kingdom.
- Q.14 give three difference between monocot and dicot.
- Q.15 state main characters of mammalia.
- Q.16 how are pteridophytes different from phanerogams.
- Q.17 how gymnosperm and angiosperm different from each other.
- Q.18 differentiate between amphibians and reptiles.
- Q.19 differentiate between Aves and mammals.
- Q.20 identify three features possessed by chordates.

Assignment (Why do we fall ill)(BIOLOGY)

- Q.1 which organism is responsible for causing malaria.
- Q 2 what are the Social aspect that necessary for individual health.
- Q.3 what happens if body is suffering from disease.
- Q 4 write one example of both in factories and noninfectious disease.
- Q.5 what is disease.

Q.6 define health.

Q.7 name two bacterial and two viral disease in men.

Q.8 differentiate between good health and bad health

Q.9 what is the difference between acute and chronic disease.

Q.10 expand AIDS.

Q.11 what are the different means by which infectious disease are sapread.

Q.12 what is immunisation.

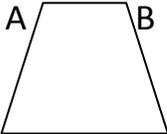
Q.13 what precautions can you take in your school to reduce the incidence of infectious disease.

CLASS – IX

SUBJECT – MATHEMATICS

Q.1 Write T.S.A. of Hemisphere.

Q.2 Write C.S.A. of Cylinder.

Q.3  Write common base and the two parallels.

D C

Q.4 The centre of a circle lies in _____ of the circle.

Q.5 Suppose you given a circle. Give a construction to find its centre.

Q.6 A cuboidal water tank is 6m long, 5m wide and 4.5m deep. How many litres of water can it hold ? ($1\text{m}^3 = 1000\text{L}$)

Q.7 Find the radius of a sphere whose surface area is 154cm^2 ?

Q.8 A conical tent is 10cm high and radius of its base is 24cm. Find

(i) Slant height of the tent.

(ii) Cost of the canvas required to make the tent, if the cost of 1cm^2 canvas

is Ps 70.

- Q.9 C.S.A. of a right circular cylinder is 4.4m^2 . If the radius of the base of the Cylinder is 0.7m , Find its height.
- Q.10 The Paint in a certain container is sufficient to paint an area equal to 9.375m^2 . How many bricks of dimensions $22.5\text{cm} \times 10\text{cm} \times 7.5\text{cm}$ can be Painted out of this container ?
- Q.11 Prove that if chords of congruent circles subtend equal angles at their Centres, then the chords are equal.
- Q.12 If the non-parallel sides of a trapezium are equal, Prove that it is circle.
- Q.13 ABCD is a cyclic quadrilateral whose diagonals intersect at a point E. If $\angle DBC = 70^\circ$, $\angle BAC = 30^\circ$ Find $\angle BCD$, Further if $AB = BC$, find $\angle ECD$.
- Q.14 Prove that a cyclic parallelogram is a rectangle.
- Q.15 ABC and ADC are two right triangles with common hypotenuse AC . Prove that $\angle CAD = \angle CBD$.
- Q.16 ABCD is a trapezium with $AB \parallel CD$. A line parallel to AC intersects AB at X and BC at Y. Prove that $\text{ar}(\triangle ADX) = \text{ar}(\triangle ACY)$.
- Q.17 D and E are points on sides AB and AC respectively of $\triangle ABC$ such that $\text{ar}(\triangle DBC) = \text{ar}(\triangle EBC)$. Prove that $DE \parallel BC$.
- Q.18 Diagonals AC and BD of a trapezium ABCD with $AB \parallel CD$ intersect each other at O. Prove that $\text{ar}(\triangle AOD) = \text{ar}(\triangle BOC)$.
- Q.19 P and Q are any two points lying on the sides DC and AD respectively of a parallelogram ABCD. Show that $\text{ar}(\triangle APB) = \text{ar}(\triangle BQC)$.
- Q.20 ABCD is a parallelogram, $AE \perp DC$ and $CF \perp AD$. If $AB = 16\text{cm}$, $AE = 8\text{cm}$ and $CF = 10\text{cm}$, Find AD.

1. ACTIVITY FOR GROUP Ist

TOPIC :- Area of Parallelogram.

2. ACTIVITY FOR GROUP IIInd

TOPIC:-Write the C.S.A. T.S.A. and volume of Cube, Cylinder, Cone and Sphere.

3. ACTIVITY FOR GROUP IIIrd

TOPIC :- Areas of two triangles on the same base and between the same Parallels

NOTE :- Activity Do A4 Size Sheet or Chart.