Class - 10
Subject - English

[:NQ]
[:Q.1] Have you ever ..... such a beautiful scene?
[:A]   See
[:B]   Seen
[:C]   Are Seeing
[:D]   Saw
[:ANS] A

[:INFO] mp=4,mn=0,type=MCQ

[:NQ]
[:Q.2] The moon has not yet ....
[:A]   Appear
[:B]   Appearing
[:C]   Appeared
[:D]   Will appear
[:ANS] C

[:NQ]
[:Q.3] I .... English for ten years.
[:A]   Teach
[:B]   Taught
[:C]   Was teaching
[:D]   Have been teaching
[:ANS] D

[:NQ]
[:Q.4] What............ your father feel about Resonance?
[:A]   Do
[:B]   Did
[:C]   Does
[:D]   Was
[:ANS] C

[:NQ]
[:Q.5] All work eat no play ..... jack a dull boy.
[:A]   Makes
[:B]   Make
[:C]   made
[:D]   Making
[:ANS] A

[:NQ]
[:Q.6] He scratched his head and .... for a moment.
[:A]   Think
[:B]   Thinking
[:C]   Thought
[:D]   Thinks
[:ANS] C

[:NQ]
[:Q.7] When I reached the temple, a group of people .... devotional songs.
[:A]   Were reciting
[:B]   Recited
[:C]   Recites

[:D]   Are reciting
[:ANS] A

[:NQ]
[:Q.8]   What .... your do here from the time I went to college?
[:A]   Do
[:B]   Did
[:C]   Done
[:D]   Does
[:ANS] B

[:NQ]
[:Q.9]   By this time tomorrow, I .... home.
[:A]   Reach
[:B]   Reached
[:C]   Shall have reached
[:D]   Will have been reaching.
[:ANS] C

[:NQ]
[:Q.10] The student .... answers to all my question
[:A]   Gave
[:B]   Give
[:C]   Given
[:D]   Gives
[:ANS] A

[:NQ]
[:Q.11] _____ the student study yesterday?
[:A]   Do
[:B]   Does
[:C]   Did
[:D]   Doing
[:ANS] C

[:NQ]
[:Q.12] After school we went and .... our parents about our english teacher.
[:A]   Told
[:B]   Tell
[:C]   Telling
[:D]   Tells
[:ANS] A

[:NQ]
[:Q.13] The new railway bridge .... two weeks ago
[:A]   Complete
[:B]   Was completed
[:C]   Is completing
[:D]   Will complete.
[:ANS] B

[:NQ]
[:Q.14] They .... the work when the teacher entered the class
[:A]   Were finishing
[:B]   Had finished
[:C]   Finished
[:D]   Will finish

[:ANS] B

[:NQ]
[:Q.15] I was teaching English when she .... the classroom.
[:A]   Enter
[:B]   Entered
[:C]   Entering
[:D]   Enters
[:ANS] B

[:NQ]
[:Q.16] Regular exercise is beneficial .... health.
[:A]   For
[:B]   To
[:C]   Of
[:D]   On
[:ANS] B

[:NQ]
[:Q.17] He is bent .... his mischief.
[:A]   On
[:B]   Of
[:C]   To
[:D]   Up
[:ANS] A

[:NQ]
[:Q.18] We must be grateful for the blessings, god has bestowed .... us.
[:A]   Of
[:B]   On
[:C]   For
[:D]   To
[:ANS] B

[:NQ]
[:Q.19] He is a hypecrite. Beware___ him.
[:A]   On
[:B]   To
[:C]   Of
[:D]   Off
[:ANS] C

[:NQ]
[:Q.20] She boasts .... her achievements.
[:A]   Of
[:B]   To
[:C]   On
[:D]   For
[:ANS] A

[:END]

[:NQ]

[:Q.1] $\dfrac{3+\sqrt{7}}{3-\sqrt{7}}$ =a + b$\sqrt{7}$ then (a, b) =

[:A] (8,–3)
[:B] (–8, –3)
[:C] (–8, 3)
[:D] (8, 3)
[:ANS] D

[:INFO] mp=4,mn=0,type=MCQ

[:NQ]
[:Q.2] Which one is greatest in the following:

[:A] $\sqrt{2}$

[:B] $3\sqrt{3} \times \sqrt[3]{3}$

[:C] $3\sqrt{4} \times \sqrt[3]{4}$

[:D] $3\sqrt{2} \times \sqrt[3]{2}$

[:ANS] C

[:NQ]
[:Q.3] $\sqrt{2}$ is a polynomial degree:
[:A] 2
[:B] 0
[:C] 1

[:D] $\dfrac{1}{2}$

[:ANS] B

[:NQ]
[:Q.4] The remainder obtained when the polynomial p (d) is divided by (b – ad) is:

[:A] $p\left(\dfrac{-b}{1}\right)$

[:B] $p\left(\dfrac{a}{b}\right)$

[:C] $p\left(\dfrac{b}{a}\right)$

[:D] $p\left(\dfrac{-a}{b}\right)$

[:ANS] C

[:NQ]
[:Q.5] In a cyclic quadrilateral if $\angle A - \angle C = 70°$, then the greater of the angles A and C is equal to:
[:A] 95°
[:B] 105°
[:C] 125°
[:D] 115°
[:ANS] C

[:NQ]

[:Q.6]   The length of a chord of a circle is equal to the radius of the circle. The angle which this chord subtends on the longer segment of the circle is equal to:
[:A]   30°
[:B]   45°
[:C]   60º
[:D]   90°
[:ANS] A

[:NQ]
[:Q.7]   The unequal side of an isosceles triangle is 6 cm and its perimeter is 24 cm. Find its area.
[:A] $6\sqrt{2}cm^2$
[:B] $12\sqrt{2}cm^2$
[:C] $18\sqrt{2}cm^2$
[:D] $24\sqrt{2}cm^2$
[:ANS] C

[:NQ]
[:Q.8]   A bag contains 12 balls out of which x are white. If 6 more white balls are put in the box then the probability of drawing a white ball will be double then the value of x is:
[:A]   6
[:B]   3
[:C]   12
[:D]   9
[:ANS] B

[:NQ]
[:Q.9]   Which of the following cannot be the probability of any event:
[:A]   1
[:B]   0
[:C] $\dfrac{2011}{2012}$
[:D] $\dfrac{2012}{2011}$
[:ANS] D

[:NQ]
[:Q.10] Consider a hollow cylinder of inner radius r and thickness of wall t and length *l*. The volume of the above cylinder is given by:
[:A] $2\pi\ell(\mathrm{r}^2-\ell^2)$
[:B] $2\pi r\ell t\left(\dfrac{t}{2r}+1\right)$
[:C] $2\pi\ell(\mathrm{r}^2+\mathrm{t}^2)$
[:D] $2\pi r\ell(r+t)$
[:ANS] B

[:NQ]
[:Q.11] A cone and a cylinder have the same base area. They also have the same curved surface area. If the height of the cylinder is 3m. Then the slant height of the cone (in m) is:
[:A]   3
[:B]   4
[:C]   6
[:D]   7

[:ANS] C

[:NQ]
[:Q.12] In a right angle triangle ABC is right angled at B. Given that AB=9cm, AC=15cm and D, E are the midpoints of the sides AB and AC respectively, then the area of △ADE=
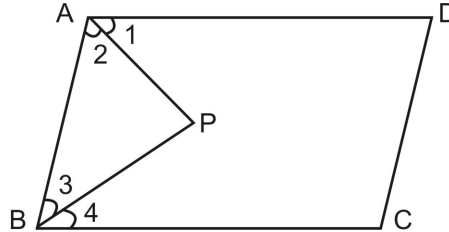[:A]   67.5cm^2
[:B]   13.5 cm^2
[:C]   27 cm^2
[:D]   data insufficient
[:ANS] B

[:NQ]
[:Q.13] In the adjoining figure, AP and BP are angle bisectors of $\angle$ A and $\angle$ B which meets at P on the parallelogram ABCD. Then 2 $\angle$ APB=

[:A] $\angle$ C+ $\angle$ D
[:B] $\angle$ A+ $\angle$ C
[:C] $\angle$ B+ $\angle$ D
[:D]   2 $\angle$ C
[:ANS] A

[:NQ]
[:Q.14] In the class intervals 0-20 and 20-40, the number 20 is included in:
[:A]   0-20
[:B]   20-40
[:C]   both the intervals
[:D]   None of these
[:ANS] B

[:NQ]
[:Q.15] Which equation is another form of –x + 6 y = 12?
[:A] $y = -\dfrac{1}{6}x + 2$
[:B]   x=6y + 12
[:C]   x = 6y – 12
[:D]   6y = 12 – x
[:ANS] C

[:NQ]
[:Q.16] Which of the following statement is correct:
[:A]   x = 0 represents the equation of y axis
[:B]   y = 2 represents a line parallel to x axis
[:C]   (2,–3) is the solution of linear equation 2x + 4y = –8
[:D]   All of these
[:ANS] D

[:NQ]
[:Q.17] If length of the largest side of a triangle is 12 cm. then other two sides of triangle can be:
[:A]   4.8 cm, 8.2 cm
[:B]   3.2 cm, 7.8 cm

[:C]   6.4 cm, 2.8 cm
[:D]   7.6 cm, 3.4 cm
[:ANS] A

[:NQ]
[:Q.18] In $\triangle$ AOC and $\triangle$ XYZ, $\angle$ A= $\angle$ X, AO=XZ, AC=XY, then by which congruence rule is $\triangle$ AOC$\cong$ $\triangle$ XZY:
[:A]   SAS
[:B]   ASA
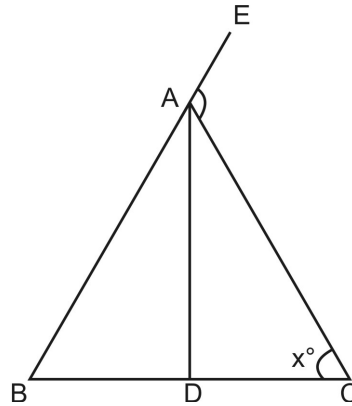[:C]   SSS
[:D]   RHS
[:ANS] A

[:NQ]
[:Q.19] In the adjoining figure, AD=BD=AC: $\angle$ CAE=75° and $\angle$ ACD=x°, Then the value of x is:
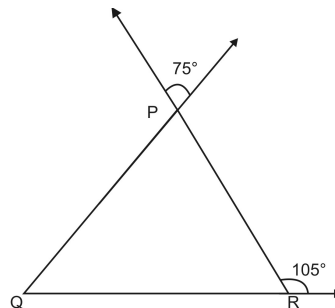

[:A]   45°
[:B]   50°
[:C]   60°
[:D] $37\frac{1}{2}°$
[:ANS] B

[:NQ]
[:Q.20] In the given figure, $\angle$ PQR is:

[:A]   40°
[:B]   50°
[:C]   30°
[:D]   105°
[:ANS] C

[:END]

Class - 10
Subject - Science

[:NQ]
[:Q.1] A body of mass 1kg is attracted by the earth with a force which is equal to
[:A] 9.8N
[:B] 6.67x 1011
[:C] 1 N
[:D] 9.8m/s
[:ANS] A

[:INFO] mp=4,mn=0,type=MCQ

[:NQ]
[:Q.2] The value of 'g'
[:A] Increases as we go above the earth's surface
[:B] Decreases as we go to the centre of the earth
[:C] Remains constant
[:D] Is more at equator and less at poles
[:ANS] B

[:NQ]
[:Q.3] The distance between two bodies becomes 6 times more then the usual distance.
The the F becomes
[:A] 36 times
[:B] 6 times
[:C] 12 times
[:D] 1/36 times
[:ANS] D

[:NQ]
[:Q.4] The spring will have maximum potential energy when
[:A] It is pulled out
[:B] It is compressed
[:C] Both (a) and (b)
[:D] Neither (a) nor (b)
[:ANS] C

[:NQ]
[:Q.5] The unit of work is joule. The other physical quantity that has same unit is
[:A] Power
[:B] Velocity
[:C] Energy
[:D] Force
[:ANS] C

[:NQ]
[:Q.6] A coin placed on a card (rested at the edges of the glass) remains at rest because of
[:A] Inertia of rest
[:B] Two forces act on the coin which balance each other
[:C] No unbalanced force acts on it
[:D] All of these
[:ANS] D

[:NQ]
[:Q.7] The rate of change of momentum of an object is proportional to
[:A] Mass of the body
[:B] Velocity of the body

[:C]   Net force applied on the body
[:D]   None of these
[:ANS] C

[:NQ]
[:Q.08] Fog and smoke are colloids of the type aerosol. Which of the following is different in both?
[:A]   Dispersed phase
[:B]   Dispersion medium
[:C]   Both (a) and (b)
[:D]   None of these
[:ANS] A

[:NQ]
[:Q.09] Which pairs of substances are both mixtures?
[:A]   Air, Sea water
[:B]   Sea water, Ethanol
[:C]   Iron, Water
[:D]   Lime water marble
[:ANS] A

[:NQ]
[:Q.10] Drugs are separated from blood by the method of:-
[:A]   Crystallization
[:B]   Centrifugation
[:C]   Chromatography
[:D]   Filtration
[:ANS] C

[:NQ]
[:Q.11] Which physical property of the different separate them from the mixture?
[:A]   Melting point
[:B]   Boiling point
[:C]   Density
[:D]   Colour
[:ANS] B

[:NQ]
[:Q.12] A solution in which the solvent is a liquid but the solute is a gas is:
[:A]   Brass
[:B]   Soda water
[:C]   Milk
[:D]   20% Sugar sol
[:ANS] B

[:NQ]
[:Q.13] What is the dispersing medium and dispersed phase in clouds, mist and fog?
[:A]   Gas, Solid
[:B]   Gas, Liquid
[:C]   Solid, Gas
[:D]   Liquid, Gas
[:ANS] B

[:NQ]
[:Q.14] Among the following statements which one is incorrect?
[:A]   Golgi apparatus is involved with formation of lysosomes.

[:B] Nucleus, mitochondria and plastid have DNA, hence they are able to make their own structural proteins.
[:C] Lysosomes are called the suicide bags as they eat up their own cells.
[:D] Cytoplasm is called known as protoplasm.
[:ANS] D

[:NQ]
[:Q.15] Which plastids are colour less?
[:A] Chromoplasts
[:B] Chloroplast
[:C] Leucoplasts
[:D] All of the above
[:ANS] C

[:NQ]
[:Q.16] The phenomenon where cytoplasms shrink in a hypertonic medium is called:
[:A] Frontolysis
[:B] Plasmolysis
[:C] Acidolysis
[:D] Allolysis
[:ANS] B

[:NQ]
[:Q.17] One of the following is not true about Cardiac muscles
[:A] They can be controlled
[:B] They lack mitochondria
[:C] Cells are bi-nucleate
[:D] Found outside the heart such as digestive tract
[:ANS] A

[:NQ]
[:Q.18] Which of the following statements are correct about meristematic tissues?
[:A] Composed of cells that are incapable of cell division
[:B] Composed of a single type of cell
[:C] It is composed of cells that are able to perform cell division
[:D] All the above
[:ANS] C

[:NQ]
[:Q.19] The Nodes of Ranvier are found in:
[:A] Nerve cells
[:B] Heart cells
[:C] Liver cells
[:D] All of the above
[:ANS] A

[:NQ]
[:Q.20] Which of the following animals possess a vascular system?
[:A] Starfish
[:B] Hydra
[:C] Jellyfish
[:D] All of the above
[:ANS] A

[:END]