Class - X
Subject - English

[:NQ]
[:Q.1] Everyone in the auditorium ..... startled by the announcement.
[:A] has
[:B] have
[:C] was
[:D] were
[:ANS] C

[:INFO] mp=4,mn=1,type=MCQ

[:NQ]
[:Q.2] All the juniors and the seniors ..... expected to report to the gymnasium.
[:A] is
[:B] have
[:C] was
[:D] were
[:ANS] D

[:NQ]
[:Q.3] There ..... a briefcase, a type writer and a Tape recorder in the office
[:A] is
[:B] have
[:C] are
[:D] has
[:ANS] A

[:NQ]
[:Q.4] The dollars ..... too much for him to pay for a volume of poetry.
[:A] was
[:B] are
[:C] were
[:D] have been
[:ANS] A

[:NQ]
[:Q.5] ..... there any questions about tomorrow's assignment?
[:A] is
[:B] are
[:C] was
[:D] has
[:ANS] B

[:NQ]
[:Q.6] ..... water in the jug has been drunk by Mohan.
[:A] The little
[:B] The few
[:C] A few
[:D] Few
[:ANS] A

[:NQ]
[:Q.7] I shall play ..... piano at the party.
[:A] some
[:B] any
[:C] the

[:D] few
[:ANS] C

[:NQ]
[:Q.8] ..... labourers were found dead in the mine.
[:A] Any
[:B] Fewer
[:C] Many
[:D] Less
[:ANS] C

[:NQ]
[:Q.9] Could I borrow ..... umbrella?
[:A] our
[:B] your
[:C] yours
[:D] my
[:ANS] B

[:NQ]
[:Q.10] My brother is standing in the ..... row.
[:A] any
[:B] many
[:C] some
[:D] first
[:ANS] D

[:NQ]
[:Q.11] My wife is good ..... french.
[:A] on
[:B] into
[:C] in
[:D] at
[:ANS] D

[:NQ]
[:Q.12] I am fed up ..... staying at this place.
[:A] on
[:B] with
[:C] out
[:D] in
[:ANS] B

[:NQ]
[:Q.13] I had an argument ..... my landlord.
[:A] onto
[:B] with
[:C] from
[:D] in
[:ANS] B

[:NQ]
[:Q.14] I care ..... other people and their problems.
[:A] on
[:B] about
[:C] from
[:D] at

[:ANS] B

[:NQ]
[:Q.15] ..... tea, we went for a nice walk in the moon light.
[:A] After
[:B] From
[:C] In
[:D] With
[:ANS] A

[:NQ]
[:Q.16] They are watching television ..... the rest are studying.
[:A] so that
[:B] therefore
[:C] while
[:D] but
[:ANS] C

[:NQ]
[:Q.17] His fans think that he is ..... talented ..... handsome.
[:A] either ..... or
[:B] not only ..... but also
[:C] neither ..... nor
[:D] so ..... that
[:ANS] B

[:NQ]
[:Q.18] He phoned ..... he needed someone to talk to.
[:A] for
[:B] but
[:C] and
[:D] so
[:ANS] A

[:NQ]
[:Q.19] I spent sometime with them ..... I was very busy.
[:A] when
[:B] and
[:C] because
[:D] although
[:ANS] D

[:NQ]
[:Q.20] We saw some boats ..... we were walking along the beach.
[:A] but
[:B] so
[:C] as
[:D] if
[:ANS] C

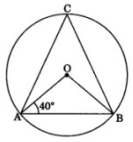
[:END]

Class - X
Subject - Maths

[:NQ]
[:Q.1] A chord is at a distance of 8 cm from the centre of a circle of radius 17 cm. The length of the chord is
[:A] 25 cm
[:B] 12.5 cm
[:C] 30 cm
[:D] 9 cm
[:ANS] C

[:INFO] mp=4,mn=1,type=MCQ

[:NQ]
[:Q.2] In the given figure, O is the centre of a circle. If $\angle OAB = 40^o$ and C is a point on the circle, then $\angle ACB$ =




[:A] $40^o$
[:B] $50^o$
[:C] $80^o$
[:D] $100^o$
[:ANS] B

[:NQ]
[:Q.3] The decimal expansion of $\sqrt{2}$ is
[:A] finite decimal
[:B] 1.4121
[:C] non-terminating recurring
[:D] non-terminating non-recurring
[:ANS] D

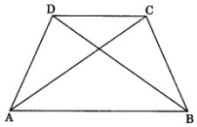
[:NQ]
[:Q.4] If $8^x = \frac{64}{2^x}$ then find the value of x.
[:A] 4
[:B] 2
[:C] $\frac{1}{2}$
[:D] $\frac{3}{2}$
[:ANS] D

[:NQ]
[:Q.5] The area of a triangle is 150 $cm^2$ and its sides are in the ratio 3 : 4 : 5. What is its perimeter?
[:A] 10 cm
[:B] 30 cm
[:C] 45 cm
[:D] 60 cm
[:ANS] D

[:NQ]

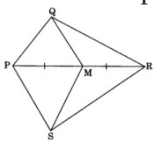
[:Q.6] ABCD is a quadrilateral whose diagonal AC divides it in two parts of equal area, then ABCD is a
[:A] rectangle
[:B] rhombus
[:C] parallelogram
[:D] need not be any of (a), (b) or (c)
[:ANS] D

[:NQ]
[:Q.7] ABCD is a trapezium in which AB | | DC. If ar($\Delta$ ABD) = 24 $cm^2$ and AB = 8 cm, then height of $\Delta$ ABC is




[:A] 3 cm
[:B] 6 cm
[:C] 8 cm
[:D] 4 cm
[:ANS] D

[:NQ]
[:Q.8] In quadrilateral PQRS, M is the mid-point of PR. If ar(SMQR) = 18 $cm^2$, then ar(PQMS) is




[:A] 24 $cm^2$
[:B] 12 $cm^2$
[:C] 18 $cm^2$
[:D] 36 $cm^2$
[:ANS] C

[:NQ]
[:Q.9] The total surface area of a cone whose radius is r/2 and slant height 2l is
[:A] $2\pi r(l + r)$
[:B] $\pi r(l + r/4)$
[:C] $\pi r(l + r)$
[:D] $2\pi rl$
[:ANS] B

[:NQ]
[:Q.10] A cone is 8.4 cm high and the radius of its base is 2.1 cm. It is melted and recast into a shape. The radius of the sphere is
[:A] 4.2 cm
[:B] 2.1 cm
[:C] 2.4 cm
[:D] 1.6 cm
[:ANS] B

[:NQ]
[:Q.11] In a survey of 364 children aged 19-36 months, it was found that 91 liked to eat potato chips. If a child is selected at random, the probability that he/she does not like to eat potato chips is:
[:A] 0.25
[:B] 0.50
[:C] 0.75
[:D] 0.80

[:ANS] C

[:NQ]
[:Q.12] In a cricket match a batsman hits a boundary 4 times out of the 32 balls he plays. In a given ball, what is the probability that he does not hit the ball to the boundary?
[:A] 7/8
[:B] 1/8
[:C] 1/7
[:D] 6/7
[:ANS] A

[:NQ]
[:Q.13] Let m be the mid-point and 1 be the lower class limit of a class in a continuous frequency distribution. The upper class limit of the class is:
[:A] 2m + l
[:B] 2m – l
[:C] m – l
[:D] m – 2l
[:ANS] B

[:NQ]
[:Q.14] One of the factors of $(1 + 3y)^2 + (9y^2 – 1)$ is
[:A] 1 – 3y
[:B] 3 – y
[:C] 3y + 1
[:D] y – 3
[:ANS] C

[:NQ]
[:Q.15] Find the value of p for which x + p is a factor of $x^2 + px + 3 – p$.
[:A] 1
[:B] –1
[:C] 3
[:D] –3
[:ANS] C

[:NQ]
[:Q.16] Mirror image of the point (9, –8) in y-axis is
[:A] (–9, –8)
[:B] (9, 8)
[:C] (–9, 8)
[:D] (–8, 9)
[:ANS] A

[:NQ]
[:Q.17] In $\Delta ABC$, the bisectors of $\angle ABC$ and $\angle BCA$ intersect each other at O. The measure of $\angle BOC$ is
[:A] $90^o + \angle A$
[:B] $90^o + \frac{\angle A}{2}$
[:C] $180^o – \angle A$
[:D] $90^o – \frac{\angle A}{2}$
[:ANS] B

[:NQ]

[:Q.18] If x represents the age of father and y represents the present age of the son, then the statement for ‘present age of father is 5 more than 6 times the age of the son’ in terms of mathematical equation is

[:A] $6x + y = 5$

[:B] $x = 6y + 5$

[:C] $x + 6y = 5$

[:D] $x – 6 = 5$

[:ANS] B

[:NQ]

[:Q.19] The mean of 25 observations is 26. Out of these observations if the mean of first 13 observations is 22 and that of the last 13 observations is 30, the 13th observation is:

[:A] 23

[:B] 26

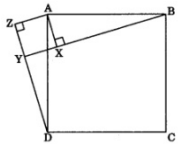
[:C] 28

[:D] 30

[:ANS] B

[:NQ]

[:Q.20] In figure X is a point in the interior of square ABCD, AXYZ is also a square. If DY = 3 cm and AZ = 2 cm, then find BY.




[:A] 5 cm

[:B] 6 cm

[:C] 7 cm

[:D] 8 cm

[:ANS] C

[:END]

Class - X
Subject - Science

[:NQ]
[:Q.1] Which of the following is a compound?
[:A] Air
[:B] Milk
[:C] Iodine
[:D] Water
[:ANS] D

[:INFO] mp=4,mn=1,type=MCQ

[:NQ]
[:Q.2] The principal cereal crop of India is
[:A] wheat
[:B] rice
[:C] maize
[:D] sorghum
[:ANS] B

[:NQ]
[:Q.3] Gundhi bug is a pest of
[:A] sugarcane
[:B] cotton
[:C] rice
[:D] wheat
[:ANS] C

[:NQ]
[:Q.4] Sustainable agriculture involves
[:A] mixed farming
[:B] mixed cropping
[:C] crop rotation
[:D] all of the above
[:ANS] D

[:NQ]
[:Q.5] Most abundant animal tissue is
[:A] epithelium
[:B] muscular
[:C] connective
[:D] blood
[:ANS] C

[:NQ]
[:Q.6] Matrix of connective tissue is produced by
[:A] plasma cells
[:B] mast cell
[:C] fibroblasts
[:D] both (b) and (c)
[:ANS] C

[:NQ]
[:Q.7] Tendons and ligaments are
[:A] dense connective tissue
[:B] loose connective tissue
[:C] muscular tissue

[:D] vascular tissue
[:ANS] A

[:NQ]
[:Q.8] Ligament connects a bone with
[:A] skin
[:B] muscle
[:C] bone
[:D] both (b) and (c)
[:ANS] C

[:NQ]
[:Q.9] An insect which transmits a disease is known as
[:A] intermediate host
[:B] parasite
[:C] vector
[:D] prey
[:ANS] C

[:NQ]
[:Q.10] Female Anopheles mosquito is a carrier of a pathogen that causes
[:A] yellow fever
[:B] filariasis
[:C] malaria
[:D] dengue
[:ANS] C

[:NQ]
[:Q.11] Droplet method of transmission of disease is found in
[:A] common cold
[:B] AIDS
[:C] hepatitis
[:D] syphilis
[:ANS] A

[:NQ]
[:Q.12] Which of the following statements is/are correct?
[:A] Interparticle spaces are maximum in the gaseous state of a substance.
[:B] Particles which constitute gas follow a zig/zag path.
[:C] Solid state is the most compact state of substance.
[:D] All are correct
[:ANS] D

[:NQ]
[:Q.13] Which out of the following does not make sense?
[:A] Solids have fixed shape and fixed volume.
[:B] Liquids can be compressed easily, but not gases.
[:C] The particles of solids have negligible kinetic energy.
[:D] Property of diffusion is maximum in the gaseous state.
[:ANS] B

[:NQ]
[:Q.14] Which of the following is/are application(s) of high compressibility of gases?
[:A] L.P.G. is used as fuel in homes for cooking food.
[:B] Oxygen cylinders are supplied to hospitals.
[:C] C.N.G. is used as fuel in vehicles.
[:D] All of these

[:ANS] D

[:NQ]
[:Q.15] Which of the following is/are compound?
[:A] Water
[:B] Washing soda
[:C] Brass
[:D] Both (A) and (B)
[:ANS] D

[:NQ]
[:Q.16] Which of the following can be classified as a pure substance?
[:A] Milk
[:B] Sea-water
[:C] Ice
[:D] Cast iron
[:ANS] C

[:NQ]
[:Q.17] A particle is moving in a circular path of radius r. The displacement after half a circle would be:
[:A] Zero
[:B] $\pi r$
[:C] 2r
[:D] $2\pi r$
[:ANS] C

[:NQ]
[:Q.18] Which of the following statement is correct regarding velocity and speed of a moving body?
[:A] Velocity of a moving body is always higher than its speed
[:B] Speed of a moving body is always higher than its velocity
[:C] Speed of a moving body is its velocity in a given direction
[:D] Velocity of a moving body is its speed in a given direction
[:ANS] D

[:NQ]
[:Q.19] A car of mass 1000 kg is moving with a velocity of 10 m/s. If the velocity-time graph for this car is a horizontal line parallel to the time axis, then the velocity of the car at the end of 25 s will be:
[:A] 40 m/s
[:B] 25 m/s
[:C] 10 m/s
[:D] 250 m/s
[:ANS] C

[:NQ]
[:Q.20] In a rocket, a large volume of gases produced by the combustion of fuel is allowed to escape through its tail nozzle in the downward direction with the tremendous speed and makes the rocket to move upward. Which principle is followed in this take off of the rocket?
[:A] Moment of inertia
[:B] Conservation of momentum
[:C] Newton’s third law of motion
[:D] Newton’s law of gravitation
[:ANS] B

[:END]