Class - X
Subject - English

[:NQ]
[:Q.1] I ..... working all afternoon and have just finished the assignment.
[:A] have been
[:B] had been
[:C] shall be
[:D] am
[:ANS] B

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

[:NQ]
[:Q.2] Rohan ..... the movie before he read the review.
[:A] watches
[:B] have watched
[:C] had watched
[:D] was watching
[:ANS] B

[:NQ]
[:Q.3] He ..... in the states but he still doesn't have a command over the english language.
[:A] have been living
[:B] has been living
[:C] have lived
[:D] living
[:ANS] B

[:NQ]
[:Q.4] By the next month, we shall ..... the project.
[:A] has completed
[:B] completing
[:C] completed
[:D] have completed
[:ANS] D

[:NQ]
[:Q.5] Every boy and girl ..... in the class today.
[:A] are present
[:B] is present
[:C] have present
[:D] had present
[:ANS] B

[:NQ]
[:Q.6] He ..... daily for a year now.
[:A] exercise
[:B] was exercising
[:C] has been exercising
[:D] have been exercising
[:ANS] C

[:NQ]
[:Q.7] I ..... this book since morning.
[:A] had been reading
[:B] has been reading

[:C] have had read
[:D] shall be reading
[:ANS] A

[:NQ]
[:Q.8] Which tense is used to express general truth and facts?
[:A] Present continuous tense
[:B] Present perfect tense
[:C] Past perfect tense
[:D] Present indifinite tense
[:ANS] D

[:NQ]
[:Q.9] According to the prevailing rate, two dozen ..... rupees are hundred.
[:A] costs
[:B] cost
[:C] costing
[:D] costed
[:ANS] B

[:NQ]
[:Q.10] The council ..... made its decision.
[:A] have
[:B] have had
[:C] has
[:D] having
[:ANS] C

[:NQ]
[:Q.11] What do tenses as the form of a verb help to determine?
[:A] The time of the action
[:B] The state of the action
[:C] Both (A) & (B)
[:D] The number of action
[:ANS] C

[:NQ]
[:Q.12] Which tense is used to show the completion of an anction by a certain time in future?
[:A] Future perfect tense
[:B] Present indifinite tense
[:C] Future perfect continuous tense
[:D] Both (A) and (C)
[:ANS] C

[:NQ]
[:Q.13] Indentify the tense used in the following sentence. "When I reached the book-store, all the copies had already been sold".
[:A] Past perfect tense
[:B] Past indefinite tense
[:C] Present perfect tense
[:D] Present indefinite tense
[:ANS] A

[:NQ]
[:Q.14] The wise leader and politician ..... assassinated.
[:A] are
[:B] has been

[:C] have been
[:D] have had been
[:ANS] B

[:NQ]
[:Q.15] Neither of the paintings ..... sold.
[:A] have been
[:B] were
[:C] are
[:D] was
[:ANS] D

[:NQ]
[:Q.16] Sita or her brothers ..... to be blamed.
[:A] is
[:B] has
[:C] are
[:D] was
[:ANS] C

[:NQ]
[:Q.17] The chief guest, with his wife, ...
[:A] has left
[:B] are leaving
[:C] have left
[:D] left
[:ANS] A

[:NQ]
[:Q.18] The quality of products ..... over time.
[:A] are degrading
[:B] have been degrading
[:C] have degrading
[:D] were degraded
[:ANS] B

[:NQ]
[:Q.19] The news ..... not updated timely.
[:A] were
[:B] have
[:C] is
[:D] are
[:ANS] C

[:NQ]
[:Q.20] Day ..... into their cars and drove away.
[:A] has got
[:B] have got
[:C] gets
[:D] got
[:ANS] D

[:END]

Class - X
Subject - Maths

[:NQ]

[:Q.1] If x = 2 + $\sqrt{3}$, then $\left(x+\frac{1}{x}\right)$ equals to :

[:A] $-2\sqrt{3}$
[:B] 2
[:C] 4
[:D] $4-2\sqrt{3}$
[:ANS] C

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

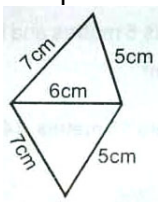
[:NQ]

[:Q.2] A rational number lying between $\sqrt{2}$ and $\sqrt{3}$ is :

[:A] $\frac{\sqrt{2}+\sqrt{3}}{2}$
[:B] $\sqrt{6}$
[:C] 1.6
[:D] 1.9
[:ANS] C

[:NQ]

[:Q.3] The lengths of four sides and a diagonal of the given quadrilateral are indicated in the diagram. If A denotes the area of quadrilateral, then A in cm^2 is :



[:A] $12\sqrt{6}$
[:B] $2\sqrt{6}$
[:C] $6\sqrt{6}$
[:D] $\sqrt{6}$
[:ANS] A

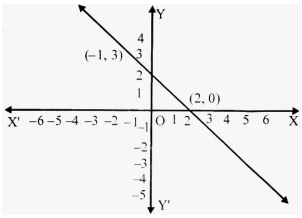
[:NQ]

[:Q.4] Find the height of the trapezium in which parallel sides are 25 cm and 10 cm and non parallel sides are 14 cm and 13 cm.

[:A] 13 cm
[:B] 14 cm
[:C] 11.2 cm
[:D] 13.2 cm
[:ANS] C

[:NQ]

[:Q.5] From the choices given below, choose the equation whose graph is given in figure

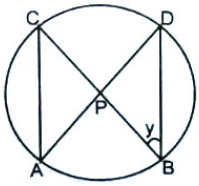


[:A] $y = x + 2$
[:B] $y = x – 2$
[:C] $y = –x + 2$
[:D] $x + 2y = 6$
[:ANS] C

[:NQ]
[:Q.6] One fourth of one third of one half of a number is 12, then number is :
[:A] 284
[:B] 286
[:C] 288
[:D] 290
[:ANS] C

[:NQ]
[:Q.7] The sides BA and CD of a cyclic quadrilateral ABCD are produced to meet at P, the sides DA and CB are produced to meet at Q. If $\angle ADC = 85^o$ and $\angle BPC = 40^o$, the $\angle CQD$ equals :
[:A] 50^o
[:B] 45^o
[:C] 30^o
[:D] 75^o
[:ANS] A

[:NQ]
[:Q.8] In the given figure, if $\angle ACB = 40^o$, $\angle DPB = 120^o$, then y will be :



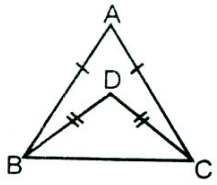
[:A] 40^o
[:B] 20^o
[:C] 30^o
[:D] 60^o
[:ANS] B

[:NQ]
[:Q.9] A sphere of radius 3 cm is dropped into a cylindrical vessel of radius 4 cm. If the sphere is submerged completely, then the height (in cm) to which the water rises, is :
[:A] 2.35
[:B] 2.30
[:C] 2.25
[:D] 2.15
[:ANS] C

[:NQ]
[:Q.10] How many meter of cloth, 5 m wide, will be required to make a conical tent, the radius of whose base is 7 m and height is 24 m?
[:A] 550 m

[:B] 168 m
[:C] 110 m
[:D] 33.6 m
[:ANS] C

[:NQ]
[:Q.11] In the given figure, the ratio $\angle ABD : \angle ACD$ is :



[:A] 1 : 1
[:B] 2 : 1
[:C] 1 : 2
[:D] 3 : 1
[:ANS] A

[:NQ]
[:Q.12] The complement of $(90^o - a)$ is :
[:A] $-a^o$
[:B] $90^o + a$
[:C] $90^o - a$
[:D] a^o
[:ANS] D

[:NQ]
[:Q.13] The value of p for which $x + p$ is a factor of $x^2 + px + 3 - p$ is :
[:A] 1
[:B] –1
[:C] 3
[:D] –3
[:ANS] C

[:NQ]
[:Q.14] Which of the following is cubic polynomial :
[:A] $x^3 + 3x^2 - 4x + 3$
[:B] $x^2 + 4x - 7$
[:C] $3x^2 + 4$
[:D] $3(x^2 + x + 1)$
[:ANS] A

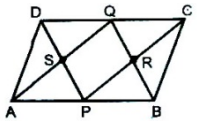
[:NQ]
[:Q.15] In a ΔXYZ, LM || YZ, L and M are points on XY and YZ respectively and bisectors YN and ZN of $\angle Y$ & $\angle Z$ meet at N on LM. Then YL + ZM =
[:A] YZ
[:B] XY
[:C] XZ
[:D] LM
[:ANS] D

[:NQ]
[:Q.16] In a ΔPQR, PS is bisector of $\angle P$ and $\angle Q = 70^o$ $\angle R = 30^o$, then :
[:A] QS > PQ > PR
[:B] QS < PQ < PR
[:C] PQ > QS > SR
[:D] PQ < QS < SR

[:ANS] B

[:NQ]
[:Q.17] ABCD is a parallelogram and AP and CQ are the perpendiculars from A and C on its diagonal BD, respectively. Then AP is equal to :
[:A] DP
[:B] CQ
[:C] PQ
[:D] AB
[:ANS] B

[:NQ]
[:Q.18] In fig. ABCD is a parallelogram. P and Q are mid points of the sides AB and CD, respectively. Then PRQS is :



[:A] Parallelogram
[:B] Trapezium
[:C] rectangle
[:D] none of these
[:ANS] A

[:NQ]
[:Q.19] The point which lies on y-axis at a distance of 5 units in the negative direction of y-axis is :
[:A] (0, 5)
[:B] (5, 0)
[:C] (0, –5)
[:D] (–5, 0)
[:ANS] C

[:NQ]
[:Q.20] The probability of guessing the correct answer to a certain question is x/2. If the probability of not guessing the correct answer to this question is 2/3, then x equals :
[:A] 3
[:B] 2/3
[:C] 1/3
[:D] 2
[:ANS] B

[:END]

Class - X
Subject - Science

[:NQ]
[:Q.1] ..... coined the term "cell."
[:A] Gorbachev
[:B] Himmler
[:C] Robert Hooke
[:D] Anton Von Leeuwenhoek
[:ANS] C

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

[:NQ]
[:Q.2] ..... is called the powerhouse of the cell
[:A] Mitochondria
[:B] ATP
[:C] Lysosomes
[:D] Red blood cells
[:ANS] A

[:NQ]
[:Q.3] The phenomenon where cytoplasms shrink in a hypertonic medium is called:
[:A] Frontolysis
[:B] Plasmolysis
[:C] Acidolysis
[:D] Allolysis
[:ANS] B

[:NQ]
[:Q.4] The Nodes of Raniver are found in:
[:A] Nerve cells
[:B] Heart cells
[:C] Liver cells
[:D] All of the above
[:ANS] A

[:NQ]
[:Q.5] One of the following is not a function of the stomata
[:A] Directly participates in the process of photosynthesis
[:B] Help with the exchange of gases
[:C] Helps to create water pressure, forcing water upward
[:D] All of the above
[:ANS] A

[:NQ]
[:Q.6] 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.7] Which of the following animals possess a vascular system?
[:A] Starfish
[:B] Hydra
[:C] Jellyfish

[:D] All of the above
[:ANS] A

[:NQ]
[:Q.8] What would happen, if all the oxygen present in the environment is converted to ozone?
[:A] We will be protected more
[:B] It will become poisonous and kill all living forms
[:C] Ozone is not stable, hence it will be toxic
[:D] It will allow harmful sun radiations to reach earth and damage many life forms
[:ANS] B

[:NQ]
[:Q.9] A body is thrown vertically upward with velocity u^2, the greatest height h to which it will rise is,
[:A] ulg
[:B] u^2l2g
[:C] u^2lg
[:D] ul2g
[:ANS] B

[:NQ]
[:Q.10] In a free fall the velocity of a stone is increasing equally in equal intervals of time under the effect of gravitational force of the earth. Then what can you say about the motion of this stone? Whether the stone is having:
[:A] Uniform acceleration
[:B] Non-uniform acceleration
[:C] Retardation
[:D] Constant speed
[:ANS] A

[:NQ]
[:Q.11] The nucleons are
[:A] Protons and electrons
[:B] Neutrons and electrons
[:C] Protons and neutrons
[:D] None of these
[:ANS] C

[:NQ]
[:Q.12] The isotope deuterium of hydrogen has
[:A] No neutrons and one proton
[:B] One neutrons and two protons
[:C] One electron and two neutron
[:D] One proton and one neutron
[:ANS] D

[:NQ]
[:Q.13] The electrons present in the outmost shell are called
[:A] Valency electrons
[:B] Octate electrons
[:C] Duplet electrons
[:D] Valence electrons
[:ANS] D

[:NQ]
[:Q.14] An alpha particle contains

[:A] 4 positive charge and 2 mass unit
[:B] 4 positive charge and 4 mass unit
[:C] 2 positive charge and 4 mass unit
[:D] 4 positive charge and 4 mass unit
[:ANS] B

[:NQ]
[:Q.15] The atomic number of sodium is 11 and its mass number is 23. It has
[:A] 11 neutrons and 12 protons
[:B] 12 protons and 11 electrons
[:C] 11 electrons and 12 neutrons
[:D] 12 electrons and 11 neutrons
[:ANS] C

[:NQ]
[:Q.16] The electronic configuration of chlorine is
[:A] 2, 7
[:B] 2, 8, 8, 7
[:C] 2, 8, 7
[:D] 2, 7, 8
[:ANS] C

[:NQ]
[:Q.17] The isotope used to remove the brain tumours and treatment of cancer is
[:A] U-235
[:B] Na-24
[:C] Iodine
[:D] Cobalt-60
[:ANS] D

[:NQ]
[:Q.18] In an alpha scattering experiment, few alpha particles rebounded because
[:A] Most of the space in the atom is occupied
[:B] Positive charge of an atom is concentrated in a very little space
[:C] The mass of the atom is concentrated in the centre
[:D] All the positive charge and mass of the atom is concentrated in small volume
[:ANS] B

[:NQ]
[:Q.19] If the displacement of an object is proportional to square of time, then the object moves with:
[:A] Uniform velocity
[:B] Uniform acceleration
[:C] Increasing acceleration
[:D] Decreasing acceleration
[:ANS] B

[:NQ]
[:Q.20] In which of the following cases of motions, the distance moved and the magnitude of the displacement are equal?
i. If the car is moving on a straight road
ii. If the car is moving in circular path
iii. The pendulum is moving to and fro
iv. The earth is moving around the sun
[:A] Only(ii)
[:B] (i) and (iii)
[:C] (ii) and (iv)

[:D] Only (i)
[:ANS] D

[:END]