Class - X
Subject - English

[:NQ]
[:Q.1]   Ramesh was hungry so .... (cry).
[:A]   were crying
[:B]   was crying
[:C]   has cried
[:D]   had cried
[:ANS] B

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

[:NQ]
[:Q.2]   Did you .... NCC last year? (Join)
[:A]   joining
[:B]   joined
[:C]   join
[:D]   been joining
[:ANS] C

[:NQ]
[:Q.3]   The Police .... (Patrol) the streets in the night.
[:A]   patrol
[:B]   was patrolling
[:C]   is patrolling
[:D]   were patrolling
[:ANS] B

[:NQ]
[:Q.4]   The Principal .... (check) the uniform tomorrow
[:A]   were checking
[:B]   are checking
[:C]   did check
[:D]   will check
[:ANS] D

[:NQ]
[:Q.5]   He .... (work) ten hours everyday.
[:A]   worked
[:B]   were working
[:C]   shall working
[:D]   shall be working
[:ANS] A

[:NQ]
[:Q.6]   These questions are .... (appear) to be difficult.
[:A]   appear
[:B]   appearing
[:C]   appeared
[:D]   been appearing
[:ANS] B

[:NQ]
[:Q.7]   Did Deepanshu not .... (leave) for Kolkata last night?
[:A]   leaves
[:B]   leaved
[:C]   been leaving
[:D]   leave
[:ANS] D

[:NQ]
[:Q.8]   Rakhi and Priya were not .... (wash) their clothes.

[:A]   washing
[:B]   washed
[:C]   was washing
[:D]   been washing
[:ANS] A

[:NQ]
[:Q.9] He had been .... (read) since morning.
[:A]   read
[:B]   reads
[:C]   did read
[:D]   reading
[:ANS] D

[:NQ]
[:Q.10] Geeta .... sleeping for two hours when I went there.
[:A]   had
[:B]   had been
[:C]   have been
[:D]   have
[:ANS] B

[:NQ]
[:Q.11] I shall complete this task .... night.
[:A]   in
[:B]   at
[:C]   before
[:D]   on
[:ANS] C

[:NQ]
[:Q.12] I jumped .... the lake to save the little boy.
[:A]   into
[:B]   under
[:C]   in
[:D]   within
[:ANS] A

[:NQ]
[:Q.13] He went to temple .... me.
[:A]   with
[:B]   to
[:C]   by
[:D]   on
[:ANS] A

[:NQ]
[:Q.14] We were sitting .... the wall.
[:A]   at
[:B]   beside
[:C]   before
[:D]   after
[:ANS] B

[:NQ]
[:Q.15] I agree .... you.
[:A]   of
[:B]   to
[:C]   with
[:D]   for
[:ANS] C

[:NQ]
[:Q.16] Will you reach home .... 8 o' clock?
[:A]   on
[:B]   by
[:C]   at
[:D]   to
[:ANS] B

[:NQ]
[:Q.17] Wait .... he arrives.
[:A]   by
[:B]   till
[:C]   into
[:D]   within
[:ANS] B

[:NQ]
[:Q.18] Let it remain .... both of us.
[:A]   between
[:B]   within
[:C]   in
[:D]   besides
[:ANS] A

[:NQ]
[:Q.19] Distributes the sweets .... the beggars.
[:A]   among
[:B]   within
[:C]   in
[:D]   between
[:ANS] A

[:NQ]
[:Q.20] We went to the picnic .... train.
[:A]   with
[:B]   in
[:C]   by
[:D]   to
[:ANS] C

[:END]

Class - X
Subject - Maths

[:NQ]

[:Q.1] The value of $\dfrac{(361)^3 \div (139)^3}{(361)^2 - 361 \times 139 \div (139)^2}$ is

[:A]   300
[:B]   500
[:C]   400
[:D]   600
[:ANS] B

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

[:NQ]
[:Q.2] A well with 10 m inside diameter is dug 14m deep. Earth taken out of it is spread all

around it to make an embankment of height $4\dfrac{2}{3}$ m. Find the width of the embankment.

[:A]   5 m
[:B]   2m
[:C]   4.3 m
[:D]   6 m
[:ANS] A

[:NQ]
[:Q.3] In the cylindrical container, the base radius is 8 cm. If the height of the water level is 20
        cm, find the volume of the water in the container.
[:A]   5.6721 L
[:B]   4.0218 L
[:C]   3.8925 L
[:D]   4.97 L
[:ANS] B

[:NQ]
[:Q.4] Which graph is parallel to x-axis?
[:A]   y = x + 1
[:B]   y = 2
[:C]   x = 3
[:D]   x = 2y
[:ANS] B

[:NQ]
[:Q.5] If a triangle and a parallelogram are on the same base and between same parallels,
        then what is the ratio of the area of the triangle to the area of parallelogram?
[:A]   1 : 2
[:B]   3 : 2
[:C]   1 : 3
[:D]   4 : 1
[:ANS] A

[:NQ]
[:Q.6] The sides of a triangle are in the ratio of 3 : 4 : 5. If its perimeter is 36 cm, then what is
        its area?
[:A]   32 cm^2
[:B]   54 cm^2
[:C]   67 cm^2
[:D]   72cm^2
[:ANS] B

[:NQ]
[:Q.7] length of one of the equal sides of an isosceles triangle is 4 cm. If its base is 2 cm then
        what is its area?

[:A] $\sqrt{15}$ cm²
[:B] $\sqrt{13}$ cm²
[:C] $\sqrt{12}$ cm²
[:D] $\sqrt{14}$ cm²
[:ANS] A

[:NQ]
[:Q.8] The rational number $0.\overline{3}$ can also be written as
[:A]   0.3
[:B] $\dfrac{3}{10}$
[:C]   0.33
[:D] $\dfrac{1}{3}$
[:ANS] D

[:NQ]
[:Q.9] The number $(3 - \sqrt{3})(3 - \sqrt{3})$ is
[:A]   an irrational number
[:B]   a rational number
[:C]   not a natural number
[:D]   none of these
[:ANS] B

[:NQ]
[:Q.10] From the choices given below mark the twin-prime numbers
[:A]   2, 3
[:B]   11, 41
[:C]   21, 23
[:D]   11, 13
[:ANS] D

[:NQ]
[:Q.11] Probability of a leap year having 53 Sundays is
[:A] $\dfrac{1}{7}$
[:B] $\dfrac{3}{7}$
[:C] $\dfrac{2}{7}$
[:D]   None of these
[:ANS] C

[:NQ]
[:Q.12] There are 50 tickets numbered from 1 to 50 in a box. Probability of drawing a ticket bearing prime number is
[:A] $\dfrac{13}{50}$
[:B] $\dfrac{3}{10}$
[:C] $\dfrac{17}{50}$
[:D]   None of these
[:ANS] B

[:NQ]

[:Q.13] The mean of five numbers is 30. If one number is excluded, their mean becomes 28. What is the excluded number?
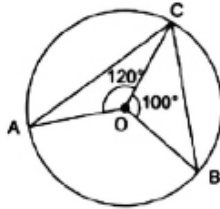[:A]   38
[:B]   35
[:C]   33
[:D]   36
[:ANS] A

[:NQ]

[:Q.14] If the mean of n observations $x_1, x_2, x_3, ... x_n$ $\bar{x}$ is then what $\sum_{i=1}^{n}(x_i - \bar{x})$ is?

[:A]   0
[:B]   1
[:C]   2
[:D]   3
[:ANS] A

[:NQ]
[:Q.15] In the figure, O is the centre of the circle. What is the measure of $\angle ACB$?

[:A]   45⁰
[:B]   60⁰
[:C]   70⁰
[:D]   90⁰
[:ANS] B

[:NQ]
[:Q.16] What do you call a figure formed by two straight lines having a common point?
[:A]   Angle
[:B]   Triangle
[:C]   Rhombus
[:D]   Kite
[:ANS] A

[:NQ]
[:Q.17] Find the angle which is four times its complement is 10° less than twice its supplement.
[:A]   15⁰
[:B]   10⁰
[:C]   25⁰
[:D]   5⁰
[:ANS] D

[:NQ]
[:Q.18] Which of the following is not true?
[:A]   Every square is a rectangle
[:B]   Every rectangle is a quadrilateral
[:C]   Every parallelogram is a trapezium
[:D]   None of these
[:ANS] C

[:NQ]
[:Q.19] The area of the figure formed by joining the mid-points of the adjacent sides of a rhombus with diagonals 16 cm and 12 cm is
[:A]   24 cm^2
[:B]   48 m^2
[:C]   28 m^2

[:D]   96 m^2
[:ANS] B

[:NQ]
[:Q.20] Find the height of the right circular cylinder if its curved surface area is 176 cm^2 and radius of the base is 4 cm.
[:A]   3.5 cm
[:B]   14 cm
[:C]   7 cm
[:D]   21 cm
[:ANS] C

[:END]

Class - X
Subject - Science

[:NQ]
[:Q.1] Which of the following are physical
(i)   Melting of iron metal
(ii)   Rusting of iron
(iii)   Bending of an iron rod
(iv)   Drawing of an iron rod
[:A]   (i), (ii) and (iii)
[:B]   (i), (ii) and (iv)
[:C]   (i), (iii) and (iv)
[:D]   (ii), (iii) and (iv)
[:ANS] C

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

[:NQ]
[:Q.2] Boron and carbon are
[:A]   metalloids
[:B]   metalloids and non-metal respectively
[:C]   metal
[:D]   non-metal and metalloid respectively
[:ANS] B

[:NQ]
[:Q.3] Tincture of iodine has antiseptic properties. This solution is made by dissolving[:A]
          iodine in potassium iodide
[:B]   iodine in vaseline
[:C]   iodine in water
[:D]   iodine in alcohol
[:ANS] D

[:NQ]
[:Q.4] A mixture of sulphur and carbon disulphide is[:A]
          heterogeneous and shows Tyndall effect
[:B]   homogeneous and shows Tyndall effect
[:C]   heterogeneous and does not show Tyndall effect[:D]
          homogeneous and does not show Tyndall effect
[:ANS] D

[:NQ]
[:Q.5] Which of the following statement is always correct? [:A]
          An atom has equal number of electrons and protons. [:B]
          An atom has equal number of electrons and neutrons.[:C]
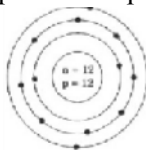   An atom has equal number of protons and neutrons.
[:D]   An atom has equal number of electrons, protons and neutrons.
[:ANS] A

[:NQ]
[:Q.6] Identify the Mg^{2+} ion from the figure where, n and p represent the number of neutronsand
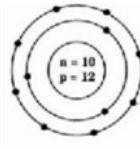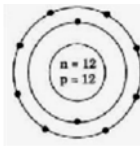   protons respectively

[:A]

[:B]

[:C]

[:D]

[:ANS]D

[:NQ]
[:Q.7] Which of the following correctly represents the electronic distribution in the Mg atom?[:A]
    3, 8, 1
[:B]   2, 8, 2
[:C]   1, 8, 3
[:D]   8, 2, 2
[:ANS] B

[:NQ]
[:Q.8] Rutherford's 'alpha (□) particles scattering experiment' resulted in the discovery of[:A]
    electron
[:B]   proton
[:C]   nucleus in the atom
[:D]   atomic mass [:ANS]
    C

[:NQ]
[:Q.9] Which one of the following is not a viral disease?[:A]
    Dengue
[:B]   AIDS
[:C]   Typhoid
[:D]   Influenza
[:ANS] C

[:NQ]
[:Q.10] Which one of the following is not a bacterial disease?[:A]
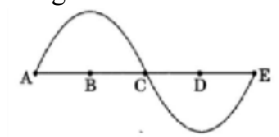   Cholera
[:B]   Tuberculosis
[:C]   Anthrax
[:D]   Influenza
[:ANS] D

[:NQ]
[:Q.11] In the curve half the wavelength is

[:A]   AB
[:B]   BD
[:C]   DE
[:D]   AE

[:ANS] B

[:NQ]
[:Q.12] In SONAR, we use
[:A]   ultrasonic waves
[:B]   infrasonic waves
[:C]   radio waves
[:D]   audible sound waves
[:ANS] A

[:NQ]
[:Q.13] Sound travels in air if
[:A]   particles of medium travel from one place to another[:B]
        there is not moisture in the atmosphere
[:C]   disturbance moves
[:D]   both particles as well as disturbance travel from one place to another.
[:ANS] C

[:NQ]
[:Q.14] An object of mass 2 kg is sliding with a constant velocity of 4 ms^{-1} on a frictionless horizontal
        table. The force required to keep the object moving with the same velocity is
[:A]   32 N
[:B]   0 N
[:C]   2 N
[:D]   8 N
[:ANS]B

[:NQ]
[:Q.15] The inertia of an object tends to cause the object[:A]
        to increase its sped
[:B]   to decrease its send
[:C]   to resist any change in its state of motion[:D]
        to decelerate due to friction
[:ANS]C

[:NQ]
[:Q.16] A passenger in a moving train tosses a coin which falls behind him. It means thatmotion of
        the train is
[:A]   accelerated
[:B]   uniform
[:C]   retarded
[:D]   along circular tracks
[:ANS]A

[:NQ]
[:Q.17] Which one is an oil yielding plant among the following?
[:A]   Lentil
[:B]   Sunflower
[:C]   Cauliflower
[:D]   Hibiscus
[:ANS]A

[:NQ]
[:Q.18] Which one is not a source of carbohydrate?
[:A]   Rice
[:B]   Millets

[:C]   Sorghum
[:D]   Gram
[:ANS]D

[:NQ]
[:Q.19] Which of the following are examples of prokaryotes?
[:A]   Algae
[:B]   Fungi
[:C]   Bacteria
[:D]
        Protoz
oa[:ANS]C

[:NQ]
[:Q.20] The barrier between the protoplasm and the auter environment in an animal cell is
[:A]   Cell wall
[:B]   Plasma membrane
[:C]   Nuclear membrane
[:D]   Cytoplasm
[:ANS]B

[:END]