UNIVERSITY OF MYSORE
Postgraduate Entrance Examination October-2022

QUESTION PAPER BOOKLET NO.

106209

Entrance Reg. No.

SUBJECT CODE : 3 0

QUESTION BOOKLET
(Read carefully the instructions given in the Question Booklet)

COURSE : **M.Sc.**   SUBJECT : **PHYSICS**

MAXIMUM MARKS : 50   **MAXIMUM TIME : 75 MINUTES**
(Including time for filling O.M.R. Answer sheet)

INSTRUCTIONS TO THE CANDIDATES

1. The sealed question paper booklet containing 50 questions enclosed with O.M.R. Answer Sheet is given to you.
2. Verify whether the given question booklet is of the same subject which you have opted for examination.
3. Open the question paper seal carefully and take out the enclosed O.M.R. Answer Sheet outside the question booklet and fill up the general information in the O.M.R. Answer sheet. If you fail to fill up the details in the form as instructed, you will be personally responsible for consequences arising during evaluating your Answer Sheet.
4. During the examination:
   a) Read each question carefully.
   b) Determine the Most appropriate/correct answer from the four available choices given under each question.
   c) Completely darken the relevant circle against the Question in the O.M.R. Answer Sheet. For example, in the question paper if "C" is correct answer for Question No.8, then darken against Sl. No.8 of O.M.R. Answer Sheet using Blue/Black Ball Point Pen as follows:

   Question No. 8. Ⓐ Ⓑ ● Ⓓ (Only example) (Use Ball Pen only)

5. Rough work should be done only on the blank space provided in the Question Booklet. Rough work should not be done on the O.M.R. Answer Sheet.
6. If more than one circle is darkened for a given question, such answer is treated as wrong and no mark will be given. See the example in the O.M.R. Sheet.
7. The candidate and the Room Supervisor should sign in the O.M.R. Sheet at the specified place.
8. Candidate should return the original O.M.R. Answer Sheet and the university copy to the Room Supervisor after the examination.
9. Candidate can carry the question booklet and the candidate copy of the O.M.R. Sheet.
10. The calculator, pager and mobile phone are not allowed inside the examination hall.
11. If a candidate is found committing malpractice, such a candidate shall not be considered for admission to the course and action against such candidate will be taken as per rules.
12. Candidates have to get qualified in the respective entrance examination by securing a minimum of 8 marks in case of SC/ST/Cat-I Candidates, 9 marks in case of OBC Candidates and 10 marks in case of other Candidates out of 50 marks.

INSTRUCTIONS TO FILL UP THE O.M.R. SHEET

1. There is only one most appropriate/correct answer for each question.
2. For each question, only one circle must be darkened with BLUE or BLACK ball point pen only. Do not try to alter it.
3. Circle should be darkened completely so that the alphabet inside it is not visible.
4. Do not make any unnecessary marks on O.M.R. Sheet.
5. Mention the number of questions answered in the appropriate space provided in the O.M.R. sheet otherwise O.M.R. sheet will not be subjected for evaluation.

ಗಮನಿಸಿ : ಸೂಚನೆಗಳ ಕನ್ನಡ ಆವೃತ್ತಿಯು ಈ ಪುಸ್ತಕದ ಹಿಂಭಾಗದಲ್ಲಿ ಮುದ್ರಿಸಲ್ಪಟ್ಟಿದೆ.

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1) A ball whose kinetic energy is E, is thrown at an angle of 45° with the horizontal direction. Its kinetic energy at the highest point of its trajectory will be

(A) E

(B) $\dfrac{E}{2}$

(C) $\dfrac{E}{\sqrt{2}}$

(D) 0

2) Three particles of the same mass lie in the x-y plane. The (x, y) coordinates of their positions are (1, 1), (2, 2) and (3, 3) respectively. The (x, y) coordinates of the center of mass are

(A) (1, 2)

(B) (2, 2)

(C) (4, 2)

(D) (6, 6)

3) A spaceship moving away from the earth with velocity 0.6 C fires a rocket in the direction of travel with a speed of 0.7 C relative to the spaceship. What will be the velocity of the rocket, as observed form the earth? Where C is the velocity of light

(A) 0.92 C

(B) 0.17 C

(C) -0.92 C

(D) -0.17 C

4) If the position of the particle is described by the expression $x = a$ $(\sin 2wt \, \hat{i} + \cos 2wt \, \hat{j})$, the acceleration of the particle is

(A) $-2wx$

(B) $4w^2x$

(C) $-4w^2x$

(D) $2wx$

5) Maxwell-Boltzmann Law is applicable for the

(A) Distinguishable particles

(B) Indistinguishable particles

(C) Particles with half integral spin

(D) Particle with integral spin

6) Rocket works on the Newton's third law of motion and conservation of

(A) Energy

(B) Momentum

(C) Torque

(D) Work

7) Two particles of masses 'm' and '4m' have linear momentum in the ratio of 2:1. What is the ratio of their kinetic energies?

(A) 4

(B) 16

(C) 8

(D) 2

8) Two satellites A and B are orbiting around the earth in circular orbits of the same radius. The mass of A is 14 times that of B. The ratio of the period of revolution of B to that of A is

(A) 1:14

(B) 1:8

(C) 1:6

(D) 1:1

9) Kepler's laws of planetary motion replaced circular orbits with the

(A) Parabolic orbits

(B) Hyperbolic orbits

(C) Elliptical orbits

(D) Conical orbits

10) The fundamental particles of universe are

(A) Bosons and Leptons

(B) Leptons and Quarks

(C) Bosons and Quarks

(D) Mesons and Leptons

11) A round disc with a moment of inertia I_2 about its axis perpendicular to its plane and passing through its centre is placed over another disc with moment of inertia I_1 rotating with an angular velocity 'ω' about the same axis. The magnitude of the final angular velocity of the combination of discs is

(A) $\dfrac{I_2\omega}{I_1 + I_2}$

(B) ω

(C) $\dfrac{I_1\omega}{I_2 + I_2}$

(D) $\dfrac{(I_1 + I_2)\omega}{I_1}$

12) Rayleigh-Jean's law is an approximation of Planck's law at

(A) longer frequency region

(B) shorter frequency region

(C) intermediate frequency region

(D) all frequencies

13) A hot liquid is kept in a big room. The logarithm of the numerical value of temperature difference between the liquid and that of the room is plotted against time. The plot will be nearly

(A) parabola

(B) straight line

(C) ellipse

(D) circular arc

14) A body of mass 10 kg is attached to a wire 0.3m long. Its breaking stress is 4.8 × 10^7 N/m^2. The area of cross section of the wire is 10^{-6} m^2. What is the maximum angular velocity with which it can be rotated in the horizontal circle?

(A) 1 rad/s

(B) 2 rad/s

(C) 8 rad/s

(D) 4 rad/s

15) The conservation of angular momentum in the central force field motion leads to:

(A) Kepler's 1st law

(B) Kepler's 2nd law

(C) Newton's 1st law

(D) Newton's 3rd law

16) A liquid drop at temperature T, isolated from its surroundings, breaks into a number of droplets. The temperature of the droplets will be

(A) equal to T

(B) greater than T

(C) less than T

(D) none of the above

17) When the temperature is increased, the angle of contact of a liquid with the surface

(A) increases

(B) decreases

(C) remains the same

(D) first increases and then decreases

18) The first law of thermodynamics is a statement of

(A) Conservation of heat

(B) Conservation of work

(C) Conservation of momentum

(D) Conservation of energy

19) The entropy of an ideal gas increases by 400 JK^{-1}. When it undergoes an isothermal expansion at 500 K. The amount of heat absorbed by the gas is

(A) 2×10^5 J

(B) 1.25 J

(C) 0.8 J

(D) 8 J

20) Oil spreads over water while water does not spread over oil. This is due to the property of

(A) elasticity

(B) viscosity

(C) surface tension

(D) friction

21) If μ_0 and μ_e are the crystal's refractive indices for O-ray and E-ray respectively. Which of the following relations is correct for the negative crystal?

(A) $\mu_0 > \mu_e$

(B) $\mu_0 < \mu_e$

(C) $\mu_0 \leq \mu_e$

(D) $\mu_0 = \mu_e$

22) The plane-polarized light of wavelength 6000Å is incident perpendicularly on a calcite plate of thickness 0.15 mm. Calculate the phase difference introduced between the E-ray and O-ray. (Given that $\mu_0 = 1.6$ and $\mu_e = 1.4$)

(A) π

(B) $10\,\pi$

(C) $100\,\pi$

(D) $1000\,\pi$

23) The dark lines constituting the absorption spectrum exhibited by sunlight are frequently called:

(A) Fermi lines

(B) Franklin lines

(C) Fresnel lines

(D) Fraunhofer lines

24) In Michelson's interferometer, 100 fringes cross the field view when the movable mirror is displaced through 0.02948 mm. Calculate the wavelength of monochromatic light used

(A) 5600 Å

(B) 5896 Å

(C) 4000 Å

(D) 4890 Å

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[5]

(P.T.O.)

25) When a monochromatic light ray enters from air (n = 1) to glass prism (n = 1.5), then the monochromatic light ray in the glass prism have

    (A) the same frequency, but the wavelength is greater than in air.

    (B) the same frequency, but the wavelength is smaller than in air.

    (C) the same wavelength, but the frequency is greater than in air.

    (D) the same wavelength, but the frequency is smaller than in air.

26) The differential form of Faraday's law of electromagnetic induction is

    (A) $\vec{\nabla} \times \vec{E} = \dfrac{\partial \vec{B}}{\partial t}$ (B) $\vec{\nabla} \times \vec{B} = \mu_0 \vec{J}$

    (C) $\vec{\nabla} \times \vec{B} = \dfrac{\partial \vec{E}}{\partial t}$ (D) $\vec{\nabla} \times \vec{H} = \vec{J} + \dfrac{\partial \vec{D}}{\partial t}$

27) If the strength of the magnetic field at a point $\vec{r}$ near a long straight current-carrying wire is $\vec{B}$. The value of the field at a distance r/2 will be

    (A) $\vec{B}/2$ (B) $\vec{B}/4$

    (C) $2\vec{B}$ (D) $4\vec{B}$

28) Calculate the value of stored energy in an inductor if the value of inductance is 20 H and 4 A of current flows through it

    (A) 0 J   (B) 150 J

    (C) 100 J   (D) 160 J

29) A thermocouple is used to measure

   (A) Voltage   (B) High temperatures

    (C) Potential difference   (D) Low temperatures

30) Under the condition of resonance in the LCR series circuit, the power factor of the circuit is

(A) 0.5 lagging

(B) 0.5 leading

(C) Unity

(D) Zero

31) "No two electrons in an isolated atom may have the same four quantum numbers" is

(A) Aufbau principle

(B) Hund's rule

(C) Pauli's exclusion principle

(D) Bohr's principle

32) The ratio of magnetic dipole moment to orbital angular momentum is called as

(A) Bohr magneton

(B) Lande's splitting factor

(C) Gyromagnetic ratio

(D) Larmor's ratio

33) Spin multiplicity of a state with $s = \frac{1}{2}$ is

(A) 0

(B) ½

(C) 1

(D) 2

34) The splitting of spectral lines into two or three components in the presence of a strong magnetic field is known as

(A) Stark effect

(B) Normal Zeeman effect

(C) Anomalous Zeeman effect

(D) Paschen effect

35) The principle of LASER is

(A) induced absorption of radiation

(B) spontaneous emission of radiation

(C) stimulated emission of radiation

(D) stimulated absorption of radiation

36) The mean radius of an atomic nucleus is of the order of

(A) 10^{-14} to 10^{-15} m

(B) 10^{-14} to 10^{-15} Å

(C) 10^{-14} to 10^{-15} fm

(D) 10^{-14} to 10^{-15} cm

37) Nuclear forces are

(A) Charge dependent

(B) Charge independent

(C) Weak in nature

(D) Spin independent

38) Meson theory of nuclear forces was proposed by

(A) Rutherford

(B) Chadwick

(C) Yukawa

(D) Thomson

39) Liquid drop model explains

(A) The magic numbers

(B) Nuclear fission

(C) Spin of nuclei

(D) Magnetic moments of nuclei

40) Which of the following statement about the GM counter is false?

(A) It contains monoatomic inert gas

(B) It works in the continuous discharge region

(C) It can be used to measure the energy of the particle

(D) It is operated in the plateau region

41) The expression for an electrical conductivity of a metal in terms of mass of an electron (m), charge of an electron (e), concentration of electrons (n) and collision time (τ), according to classical free electron theory, is

(A) $ne^2\tau/m$

(B) $ne\tau/m$

(C) $2ne\tau/m$

(D) $ne\tau^2/m$

42) The forbidden energy gap, between the conduction band and valence band, in a semiconductor is of the order of
(A) 1 MeV
(B) 0.1 MeV
(C) 1 eV
(D) 5 eV

43) The quantity which, according to the Wiedemann-Franz law, is directly proportional to the absolute temperature
(A) The ratio of thermal conductivity (k) to the electrical conductivity (σ)
(B) The ratio of mobility (μ) to the electrical conductivity (σ)
(C) The ratio of thermal conductivity (k) to the mobility (μ)
(D) The ratio of electrical conductivity (σ) to the thermal conductivity (k)

44) Einstein's theory concludes that, at low temperatures the specific heat
(A) Increases linearly with decrease of temperature
(B) Drops linearly with decrease of temperature
(C) Drops exponentially with decrease of temperature
(D) Remains constant

45) In an n-type semiconductor at low temperatures, the Fermi level
(A) Lies at the midpoint of energy gap
(B) Lies in the energy gap near to the bottom of conduction band
(C) Lies in the energy gap near to the top of valence band
(D) Lies in the conduction band

46) In the voltage regulator shown below, if the current through the load decreases,
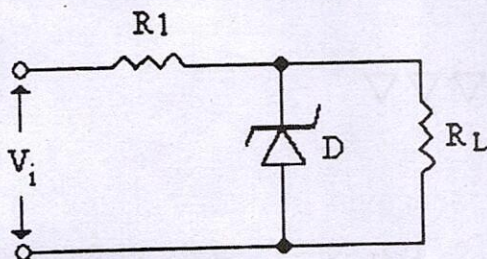
(A) There will be an increase in current through R1
(B) The current through R1 will decrease
(C) Zener diode current will decrease
(D) Zener diode current will increase

47) Internal resistance of a photodiode

    (A) Increases with light intensity when reverse biased

    (B) Decreases with light intensity when reverse biased

    (C) Increases with light intensity when forward biased

    (D) Decreases with light intensity when forward biased

48) An amplifier circuit of voltage gain 100 gives 10 V output, the value of input voltage is

    (A) 10 V   (B) 100 mV

    (C) 10 mV   (D) 1 mV

49) The Hartley oscillator's tank circuit consists of

    (A) One capacitor and two inductors

    (B) Two capacitor and two inductors

    (C) One capacitor and three inductors

    (D) Two capacitors and one inductor

50) Two NOT gates are connected at the two inputs of a NAND gate. This combination will behave like

    (A) AND gate   (B) OR gate

    (C) NOR gate   (D) NAND gate

▽ ▽ ▽ ▽

Rough Work

ಅಭ್ಯರ್ಥಿಗಳಿಗೆ ಸೂಚನೆಗಳು

1. ಓ.ಎಂ.ಆರ್. ಉತ್ತರ ಹಾಳೆಯ ಜೊತೆಗೆ 50 ಪ್ರಶ್ನೆಗಳನ್ನು ಹೊಂದಿರುವ ಮೊಹರು ಮಾಡಿದ ಪ್ರಶ್ನೆ ಪುಸ್ತಕವನ್ನು ನಿಮಗೆ ನೀಡಲಾಗಿದೆ.

2. ಕೊಟ್ಟಿರುವ ಪ್ರಶ್ನೆ ಪುಸ್ತಕವು, ನೀವು ಪರೀಕ್ಷೆಗೆ ಆಯ್ಕೆ ಮಾಡಿಕೊಂಡಿರುವ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದ್ದೇ ಎಂಬುದನ್ನು ಪರೀಕ್ಷಿಸಿರಿ.

3. ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಯ ಮೊಹರನ್ನು ಜಾಗ್ರತೆಯಿಂದ ತೆರೆಯಿರಿ ಮತ್ತು ಪ್ರಶ್ನೆಪತ್ರಿಕೆಯಿಂದ ಓ.ಎಂ.ಆರ್. ಉತ್ತರ ಹಾಳೆಯನ್ನು ಹೊರಗೆ ತೆಗೆದು, ಓ.ಎಂ.ಆರ್. ಉತ್ತರ ಹಾಳೆಯಲ್ಲಿ ಸಾಮಾನ್ಯ ಮಾಹಿತಿಯನ್ನು ತುಂಬಿರಿ. ಕೊಟ್ಟಿರುವ ಸೂಚನೆಯಂತೆ ನೀವು ನಮೂನೆಯಲ್ಲಿನ ವಿವರಗಳನ್ನು ತುಂಬಲು ವಿಫಲರಾದರೆ, ನಿಮ್ಮ ಉತ್ತರ ಹಾಳೆಯ ಮೌಲ್ಯಮಾಪನ ಸಮಯದಲ್ಲಿ ಉಂಟಾಗುವ ಪರಿಣಾಮಗಳಿಗೆ ವೈಯಕ್ತಿಕವಾಗಿ ನೀವೇ ಜವಾಬ್ದಾರರಾಗಿರುತ್ತೀರಿ.

4. ಪರೀಕ್ಷೆಯ ಸಮಯದಲ್ಲಿ:

   a) ಪ್ರತಿಯೊಂದು ಪ್ರಶ್ನೆಯನ್ನು ಜಾಗ್ರತೆಯಿಂದ ಓದಿರಿ.

   b) ಪ್ರತಿ ಪ್ರಶ್ನೆಯ ಕೆಳಗೆ ನೀಡಿರುವ ನಾಲ್ಕು ಲಭ್ಯ ಆಯ್ಕೆಗಳಲ್ಲಿ ಅತ್ಯಂತ ಸರಿಯಾದ/ ಸೂಕ್ತವಾದ ಉತ್ತರವನ್ನು ನಿರ್ಧರಿಸಿ.

   c) ಓ.ಎಂ.ಆರ್. ಹಾಳೆಯಲ್ಲಿನ ಸಂಬಂಧಿಸಿದ ಪ್ರಶ್ನೆಯ ವೃತ್ತಾಕಾರವನ್ನು ಸಂಪೂರ್ಣವಾಗಿ ತುಂಬಿರಿ. ಉದಾಹರಣೆಗೆ, ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಯಲ್ಲಿ ಪ್ರಶ್ನೆ ಸಂಖ್ಯೆ 8ಕ್ಕೆ "C" ಸರಿಯಾದ ಉತ್ತರವಾಗಿದ್ದರೆ, ನೀಲಿ/ಕಪ್ಪು ಬಾಲ್ ಪಾಯಿಂಟ್ ಪೆನ್ ಬಳಸಿ ಓ.ಎಂ.ಆರ್. ಉತ್ತರ ಹಾಳೆಯ ಕ್ರಮ ಸಂಖ್ಯೆ 8ರ ಮುಂದೆ ಈ ಕೆಳಗಿನಂತೆ ತುಂಬಿರಿ:

   ಪ್ರಶ್ನೆ ಸಂಖ್ಯೆ 8. Ⓐ Ⓑ ⬤ Ⓓ (ಉದಾಹರಣೆ ಮಾತ್ರ) (ಬಾಲ್ ಪಾಯಿಂಟ್ ಪೆನ್ ಮಾತ್ರ ಉಪಯೋಗಿಸಿ)

5. ಉತ್ತರದ ಪೂರ್ವಸಿದ್ಧತೆಯ ಬರವಣಿಗೆಯನ್ನು (ಚಿತ್ತ ಕೆಲಸ) ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಯಲ್ಲಿ ಒದಗಿಸಿದ ಖಾಲಿ ಜಾಗದಲ್ಲಿ ಮಾತ್ರವೇ ಮಾಡಬೇಕು (ಓ.ಎಂ.ಆರ್. ಉತ್ತರ ಹಾಳೆಯಲ್ಲಿ ಮಾಡಬಾರದು).

6. ಒಂದು ನಿರ್ದಿಷ್ಟ ಪ್ರಶ್ನೆಗೆ ಒಂದಕ್ಕಿಂತ ಹೆಚ್ಚು ವೃತ್ತಾಕಾರವನ್ನು ಗುರುತಿಸಲಾಗಿದ್ದರೆ, ಅಂತಹ ಉತ್ತರವನ್ನು <u>ತಪ್ಪು ಎಂದು ಪರಿಗಣಿಸಲಾಗುತ್ತದೆ ಮತ್ತು ಯಾವುದೇ ಅಂಕವನ್ನು ನೀಡಲಾಗುವುದಿಲ್ಲ. ಓ.ಎಂ.ಆರ್. ಹಾಳೆಯಲ್ಲಿನ ಉದಾಹರಣೆ ನೋಡಿ.</u>

7. ಅಭ್ಯರ್ಥಿ ಮತ್ತು ಕೊಠಡಿ ಮೇಲ್ವಿಚಾರಕರು ನಿರ್ದಿಷ್ಟಪಡಿಸಿದ ಸ್ಥಳದಲ್ಲಿ ಓ.ಎಂ.ಆರ್. ಹಾಳೆಯ ಮೇಲೆ ಸಹಿ ಮಾಡಬೇಕು.

8. ಅಭ್ಯರ್ಥಿಯ ಪರೀಕ್ಷೆಯ ನಂತರ ಕೊಠಡಿ ಮೇಲ್ವಿಚಾರಕರಿಗೆ ಮೂಲ ಓ.ಎಂ.ಆರ್. ಉತ್ತರ ಹಾಳೆ ಮತ್ತು ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಪ್ರತಿಯನ್ನು ಹಿಂದಿರುಗಿಸಬೇಕು.

9. ಅಭ್ಯರ್ಥಿಯ ಪ್ರಶ್ನೆ ಪುಸ್ತಕವನ್ನು ಮತ್ತು ಓ.ಎಂ.ಆರ್. ಅಭ್ಯರ್ಥಿಯ ಪ್ರತಿಯನ್ನು ತಮ್ಮ ಜೊತೆ ತೆಗೆದುಕೊಂಡು ಹೋಗಬಹುದು.

10. ಕ್ಯಾಲ್ಕುಲೇಟರ್, ಪೇಜರ್ ಮತ್ತು ಮೊಬೈಲ್ ಫೋನ್‌ಗಳನ್ನು ಪರೀಕ್ಷಾ ಕೊಠಡಿಯ ಒಳಗೆ ಅನುಮತಿಸಲಾಗುವುದಿಲ್ಲ.

11. ಅಭ್ಯರ್ಥಿಯ ದುಷ್ಕೃತ್ಯದಲ್ಲಿ ತೊಡಗಿರುವುದು ಕಂಡುಬಂದರೆ, ಅಂತಹ ಅಭ್ಯರ್ಥಿಯನ್ನು ಕೋರ್ಸ್‌ಗೆ ಪರಿಗಣಿಸಲಾಗುವುದಿಲ್ಲ ಮತ್ತು ನಿಯಮಗಳ ಪ್ರಕಾರ ಅಂತಹ ಅಭ್ಯರ್ಥಿಯ ವಿರುದ್ಧ ಕ್ರಮ ಕೈಗೊಳ್ಳಲಾಗುವುದು.

12. ಈ ಪ್ರವೇಶ ಪರೀಕ್ಷೆಯಲ್ಲಿ ಅರ್ಹರಾಗಲು ಒಟ್ಟು 50 ಅಂಕಗಳಲ್ಲಿ SC/ST/Cat-I ಅಭ್ಯರ್ಥಿಗಳು ಕನಿಷ್ಠ 8 ಅಂಕಗಳನ್ನು, OBC ಅಭ್ಯರ್ಥಿಗಳು ಕನಿಷ್ಠ 9 ಅಂಕಗಳನ್ನು ಮತ್ತು ಇನ್ನಿತರ ಅಭ್ಯರ್ಥಿಗಳು ಕನಿಷ್ಠ 10 ಅಂಕಗಳನ್ನು ಪಡೆಯತಕ್ಕದ್ದು.

ಓ.ಎಂ.ಆರ್. ಹಾಳೆಯನ್ನು ತುಂಬಲು ಸೂಚನೆಗಳು

1. ಪ್ರತಿಯೊಂದು ಪ್ರಶ್ನೆಗೆ ಒಂದೇ ಒಂದು ಅತ್ಯಂತ ಸೂಕ್ತವಾದ/ಸರಿಯಾದ ಉತ್ತರವಿರುತ್ತದೆ.

2. ಪ್ರತಿ ಪ್ರಶ್ನೆಗೆ ಒಂದು ವೃತ್ತವನ್ನು ಮಾತ್ರ ನೀಲಿ ಅಥವಾ ಕಪ್ಪು ಬಾಲ್ ಪಾಯಿಂಟ್ ಪೆನ್ನಿಂದ ಮಾತ್ರ ತುಂಬತಕ್ಕದ್ದು. ಉತ್ತರವನ್ನು ಮಾರ್ಪಡಿಸಲು ಪ್ರಯತ್ನಿಸಬೇಡಿ.

3. ವೃತ್ತದೊಳಗಿರುವ ಅಕ್ಷರವು ಕಾಣದಿರುವಂತೆ ವೃತ್ತವನ್ನು ಸಂಪೂರ್ಣವಾಗಿ ತುಂಬುವುದು.

4. ಓ.ಎಂ.ಆರ್. ಹಾಳೆಯಲ್ಲಿ ಯಾವುದೇ ಅನಾವಶ್ಯಕ ಗುರುತುಗಳನ್ನು ಮಾಡಬೇಡಿ.

5. ಉತ್ತರಿಸಿದ ಪ್ರಶ್ನೆಗಳ ಒಟ್ಟು ಸಂಖ್ಯೆಯನ್ನು O.M.R. ಹಾಳೆಯಲ್ಲಿ ನಿಗದಿಪಡಿಸಿರುವ ಜಾಗದಲ್ಲಿ ನಮೂದಿಸತಕ್ಕದ್ದು, ಇಲ್ಲವಾದಲ್ಲಿ O.M.R. ಹಾಳೆಯನ್ನು ಮೌಲ್ಯಮಾಪನಕ್ಕೆ ಪರಿಗಣಿಸುವುದಿಲ್ಲ.

Note : English version of the instructions is printed on the front cover of this booklet.