

UNIVERSITY OF MYSORE
Postgraduate Entrance Examination July-2019



**QUESTION PAPER
BOOKLET SERIES**

X

**QUESTION PAPER
BOOKLET NO.**

Entrance Reg. No.

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SUBJECT CODE : 1 9

QUESTION BOOKLET

(Read carefully the instructions given in the Question Booklet)

COURSE : M.Sc.

SUBJECT :

Physics

MAXIMUM MARKS : 50

MAXIMUM TIME : 1.15 HOURS

(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. (A) (B) ● (D) (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.

- 1) If the position of a particle is described by the expression $x = a(\cos \omega t \hat{i} + \sin \omega t \hat{j})$, the acceleration of particle is

(A) $-\omega x$	(B) $\omega^2 x$
(C) $-\omega^2 x$	(D) ωx

- 2) If the position vector of a particle moving in the plane of a planar coordinate system is $\vec{r}$, then the radial and transverse components of velocity of particle are

(A) $\dot{r}$ and $r\dot{\theta}$	(B) $\dot{r}$ and $\dot{r}\dot{\theta}$
(C) r and $\dot{r}\dot{\theta}$	(D) r and $r\dot{\theta}$

- 3) The centre of mass of a system of two particles is

(A) On the line joining them and midway between them
(B) On the line joining them at a point whose distance from each particle is proportional to the square of the mass of that particle
(C) On the line joining them at a point whose distance from each particle is proportional inversely to the mass of that particle.
(D) On the line joining them at a point whose distance from each particle is proportional to the mass of that particle.

- 4) The mass of the electron when it is moving with a kinetic energy of 10 MeV is

(A) $18.51 \times 10^{-31} \text{kg}$	(B) $185.1 \times 10^{-31} \text{kg}$
(C) $285 \times 10^{-31} \text{kg}$	(D) $2.85 \times 10^{-31} \text{kg}$

- 5) The principle that, the mass of a body as measured by its resistance to acceleration under the action of a force is equal to the mass as measured by effect of a gravitational field on the body.

(A) Principle of duality	(B) Principle of equivalence
(C) Principle of least action	(D) Principle of conservation mass

- 6) A rocket of mass 80 kg is set for a vertical firing. If the exhaust speed of the vapour is 800 m/sec, how much gas must be ejected per second to supply the thrust needed to overcome the weight of the rocket.
- (A) 9.8kg/s (B) 0.98 kg/s
(C) 98kg/s (D) 10kg/s
- 7) Two particle of masses $m_1 = 2$ kg and $m_2 = 5$ kg possess velocities $\mathbf{v}_1 = 10\hat{i}$ and $\mathbf{v}_2 = 3\hat{i} + 5\hat{j}$ just prior to a collision during which they stick together, the velocity of center of mass is,
- (A) $\frac{35\hat{i} + 25\hat{j}}{7}$ (B) $\frac{25\hat{i} + 35\hat{j}}{7}$
(C) $\frac{5\hat{i} + 35\hat{j}}{7}$ (D) $\frac{35\hat{i} + 5\hat{j}}{7}$
- 8) What will be the value of the torque acting on a particle when it is moving in a central force field (torque being taken about the centre of force)
- (A) Constant
(B) Equal in magnitude of central force field
(C) Zero
(D) Greater than the magnitude of central force field.
- 9) If a particle is projected from the surface of the earth with an initial kinetic energy equal to its initial potential energy (in magnitude) then the kinetic energy at infinity will be.
- (A) Negative (B) Imaginary
(C) Positive (D) Zero
- 10) Which of the following group of particles are classified under leptons?
- (A) Electron, Neutrino, Muon, Tauon
(B) Pion, Kaon, Proton, Neutron
(C) Proton, Neutron, Lamda, Sigma
(D) Xi, Omega, Sigma, Lamda

- 11) The bulk modulus of a given material of rigidity modulus 80 GPa and Young's modulus 200 GPa is
- (A) 234 GPa (B) 333 GPa
(C) 345 GPa (D) 324 GPa
- 12) The elastic potential energy stored per unit volume in bending a rod to a radius of curvature 'r' is
- (A) Directly Proportional to 'r'
(B) Inversely Proportional to 'r'
(C) Inversely Proportional to square of 'r'
(D) Directly Proportional to square of 'r'
- 13) The volume of a spherical soap bubble A is 8 times the volume of the soap bubble B. The ratio of the excess pressure inside the two soap bubbles will be
- (A) 1:3 (B) 1:4
(C) 1:2 (D) 2:3
- 14) A uniform circular disc of 60 cm radius oscillates in its own plane about a point on its circumference. The period of oscillation is (Given $g = 1000 \text{ cm s}^{-2}$)
- (A) $\frac{6}{10}\pi$ seconds (B) $\frac{3}{10}\pi$ seconds
(C) $\frac{2}{10}\pi$ seconds (D) $\frac{8}{10}\pi$ seconds
- 15) Mention whether the following statements are true or false
- The angle of contact between glass and water is 90°
 - The potential energy of a molecule on the surface of a liquid is more than the potential energy of molecule inside the liquid.
 - The excess of pressure inside a soap bubble of radius r is $2T/r$, where T is the surface tension of soap bubble.
- (A) (1) False (2) True (3) False
(B) (1) False (2) False (3) True
(C) (1) True (2) True (3) False
(D) (1) False (2) True (3) True

- 16) If the wavelength of maximum intensity of radiation emitted by sun and moon are 0.5×10^{-6} m and 10^{-4} m respectively, the ratio of temperature is
- (A) 1:100 (B) 1:200
(C) 200:1 (D) 400:1
- 17) The intensity of solar radiation is maximum for a wavelength 480 nm in the visible region. If the Wein's constant is given by $b=2.88 \times 10^{-3}$ mK, then the surface temperature of the sun is
- (A) 4000 K (B) 6000 K
(C) 8000 K (D) 10^6 K
- 18) Two black bodies at temperature 327°C and 427°C are kept in an evacuated chamber at 27°C . The ratio of their rates of loss of heat is
- (A) $(6/7)$ (B) $(6/7)^2$
(C) $(6/7)^3$ (D) $(243/464)$
- 19) A heat engine has an efficiency η . The temperature of source and sink are each decreased by 10 K. Then the efficiency of the engine
- (A) Increases (B) Decreases
(C) Remains constant (D) Becomes 1
- 20) Mean free path of the gas molecule is
- (A) Inversely proportional to diameter of the molecule
(B) Directly proportional to the square root of the absolute temperature
(C) Directly proportional to the pressure
(D) Inversely proportional to number of molecules per unit volume
- 21) The intensity of a wave of amplitude $(1/\pi)$ m and frequency 10 Hz travelling with a velocity of 400 m/s in air of density 1.3 kg/m^3 is
- (A) 104 kW (B) 10.4kW
(C) 1040W (D) 2.2kW

- 22) The fundamental frequency of vibration of a stretched string is 120 Hz. If the string is twice as long, twice as thick and under one fourth of the tension, its frequency is
- (A) 15Hz (B) 24Hz
(C) 36Hz (D) 60Hz
- 23) If I_0 be the intensity at a point due to each other of waves from two coherent sources then intensity at the same point when the waves superpose with a phase difference of $\pi/2$ radian is
- (A) $2\sqrt{2} I_0$ (B) $4I_0$
(C) $2I_0/\sqrt{2}$ (D) $2I_0$
- 24) In biprism experiment the eye piece is placed at a distance of 1.5 m from the source. The distance between the virtual sources was found to be 7.5×10^{-4} m. The wavelength of light if the eye-piece is moved transversely through a distance of 2×10^{-2} m for 20 fringes.
- (A) 500 nm (B) 50 nm
(C) 500 Å (D) 50 Å
- 25) In arrangement for Fraunhofer diffraction we use a slit of width of 0.2 mm and first minimum is at 3mm on either side of central maximum. If the distance between the lens and the screen is 2m, the wavelength of light used is
- (A) 3×10^{-6} m (B) 3×10^{-7} m
(C) 3×10^{-9} m (D) 3×10^{-10} m
- 26) If V_R , V_L and V_C be the voltage amplitudes across R, L and C respectively, then the resultant voltage amplitude across the series combination of R, L and C is
- (A) $V_0 = V_R + V_L + V_C$
(B) $V_0 = V_R + V_L - V_C$
(C) $V_0 = [V_R^2 + (V_L - V_C)^2]^{1/2}$
(D) $V_0 = [V_R^2 + (V_L + V_C)^2]^{1/2}$

- 27) A series LR circuit is connected to an AC mains of 200 V- 60 Hz. The resistance is $10\ \Omega$ and the inductive reactance is double the resistance. The current in the circuit is (in A).
- (A) $4\sqrt{5}$ (B) $5\sqrt{3}$
(C) 1 (D) 2.2
- 28) The number of turns in the primary coil is 1000 turns and that in the secondary' is 500. The length of the primary is $0.2\ \pi$ m. The area of cross- section of the primary is $3 \times 10^{-2}\ \text{m}^2$. What is the mutual inductance between pair of coils is
- (A) $30 \times 10^{-3}\ \text{H}$ (B) $3 \times 10^{-6}\ \text{H}$
(C) $3 \times 10^{-5}\ \text{H}$ (D) $3 \times 10^3\ \text{H}$
- 29) The temperature of the hot junction at which emf is maximum is called
- (A) Neutral temperature (B) Temperature of inversion
(C) Boyel's temperature (D) Critical temperature
- 30) If $\phi(x,y) = x^2 - 2xy + y^2$ then grad (ϕ) at (2, 3) is
- (A) $2(\hat{e}_1 + \hat{e}_2)$ (B) $2(-\hat{e}_1 + \hat{e}_2)$
(C) $2(\hat{e}_1 - \hat{e}_2)$ (D) None of these
- 31) Angular momentum quantization is directly established by
- (A) Stern- Gerlach experiment
(B) Franck-Hertz experiment
(C) Photoelectric effect
(D) Davison-Germer experiment
- 32) The Zeeman frequency shift produced for an external magnetic field of 4 T is
- (A) $(1/4\pi)(0.2034 \times 10^{12})\text{Hz}$
(B) $(1/4\pi)(0.7034 \times 10^{12})\text{Hz}$
(C) $(1/4\pi)(2.2034 \times 10^{12})\text{Hz}$
(D) $(1/4\pi)(1.7034 \times 10^{12})\text{Hz}$

33) A three level system of atoms has N_1 atoms in level E_1 , N_2 in level E_2 and N_3 in level E_3 ($N_2 > N_1 > N_3$ and $E_1 < E_2 < E_3$). Laser emission is possible between the levels

(A) $E_3 \rightarrow E_1$

(B) $E_2 \rightarrow E_1$

(C) $E_3 \rightarrow E_2$

(D) $E_2 \rightarrow E_3$

34) Ground state energy for the one-dimensional simple harmonic oscillator is

(A) $E = (n + \frac{1}{2}) \hbar \omega$ for $n = 1, 2, 3, \dots$

(B) $E = (n + \frac{1}{2}) \hbar \omega$ for $n = 1, 2, 3, \dots$

(C) $E = (n + \frac{1}{2}) \hbar \omega$ for $n = 0, 1, 2, 3, \dots$

(D) $E = (n + \frac{1}{2}) \hbar \omega$ for $n = 0, 1, 2, 3, \dots$

35) The Heisenberg uncertainty principle states that

(A) $\Delta x. \Delta y = \hbar$

(B) $\Delta x. \Delta y \geq \hbar/2\pi$

(C) $\Delta x. \Delta y \geq \hbar/\pi$

(D) $\Delta x. \Delta y \geq \hbar$

36) If nuclear forces between two protons, between two neutrons and between a proton and a neutron are f_{pp} , f_{nn} and f_{pn} respectively. Then

(A) $f_{pn} < f_{pp} < f_{nn}$

(B) $f_{pp} = f_{nn} = f_{pn}$

(C) $f_{pp} < f_{pn} < f_{nn}$

(D) $f_{pp} > f_{pn} > f_{nn}$

37) The number of beta particles emitted by a radioactive substance is twice the number of alpha particles emitted by it. The resulting daughter is an

(A) Isomer of parent

(B) Isotope of parent

(C) Isotone of parent

(D) Isobar of parent

38) Radioactive material 'A' has decay constant ' 8λ ' and material 'B' has decay constant ' λ '. Initially they have same numbers of nuclei. After what time, the ratio of number of nuclei of material 'B' to that of 'A' will be equal to 'e'?

(A) $\frac{1}{7\lambda}$

(B) $\frac{1}{8\lambda}$

(C) $\frac{1}{9\lambda}$

(D) $\frac{1}{\lambda}$

- 39) Fusion reaction takes place at high temperature because
- Nuclei break up at high temperature
 - Atoms get ionized at high temperature
 - Kinetic energy is high enough to overcome the coulomb repulsion between nuclei
 - Molecules break up at high temperature
- 40) The magic numbers of shell closures are
- 2,4, 8, 10, 50, 82 and 126
 - 2,4, 8, 20, 50, 90 and 126
 - 2,4, 8,20,50, 82 and 126
 - 2,6, 8,20, 50, 82 and 126
- 41) Fermi energy of copper is 7 eV at room temperature. What is the number of free electrons/unit volume at the same temperature?
- $n = [11.214 \times 10^{-19} (8m/ch^2)(\pi/3)^{3/2}]^{3/2}$
 - $n = [11.214 \times 10^{-19} (8m/h^2)(\pi/3)^{2/3}]^{3/2}$
 - $n = [11.214 \times 10^{-19} (8m/h^2)(\pi/3)^{2/3}]^{2/3}$
 - $n = [11.214 \times 10^{-19} (8mc^2/h^2)(\pi/3)^{3/2}]^{3/2}$
- 42) For an intrinsic semiconductor (germanium at 300 K, carrier concentration $n_i = 2.4 \times 10^{19} \text{ m}^{-3}$, mobility of electron $\mu_n = 0.39 \text{ m}^2 \text{ V}^{-1} \text{ s}^{-1}$ and mobility of holes $\mu_p = 0.19 \text{ m}^2 \text{ V}^{-1} \text{ s}^{-1}$), the conductivity of sample is found to be
- 2.42 mho/m
 - 2.22 mho/m
 - 2.82 mho/m
 - 1.92 mho/m
- 43) If the band gap of an alloy semiconductor is 1.98 eV, then calculate the wavelength of radiation that is emitted when electrons and holes in the material recombine directly
- 6000 Å
 - 6500 Å
 - 6250 Å
 - 5750 Å
- 44) Which of the following are the properties of superconductors?
- They are diamagnetic in nature
 - They have zero resistivity
 - They have infinite conductivity
 - All the above

- 45) Meissner effect in a superconductor is an example of
(A) Perfect conductivity
(B) Perfect ferromagnetism
(C) Perfect diamagnetism
(D) Anti-ferromagnetism
- 46) Zener diode is used as a
(A) Rectifier
(B) Amplifier
(C) Oscillator
(D) Voltage regulator
- 47) Stabilization means making _____ independent of temperature variations or variation of transistor parameters.
(A) Operating point
(B) Yield point
(C) Stability factor
(D) Thermal runaway
- 48) R-C coupling is used for _____ amplification
(A) Current
(B) Voltage
(C) Power
(D) Both current and voltage
- 49) An oscillator produces _____ oscillations
(A) Damped
(B) Undamped
(C) Free
(D) Both damped and undamped
- 50) XOR gate is one which has output only when
(A) Both the inputs are 1
(B) Both the inputs are 0
(C) One input is 1 and other is 0
(D) All the above



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 ಪರಿಶೀಲಿಸಿರಿ.
3. ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಯ ಮೊಹರು 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 ಜವಾಬ್ದಾರಾಗಿರುತ್ತೀರಿ.
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. (A) (B) (C) (D) (ಉದಾಹರಣೆ ಮಾತ್ರ) (ಬಾಲ್ ಪಾಯಿಂಟ್ ಪೆನ್ ಮಾತ್ರ ಉಪಯೋಗಿಸಿ)
5. ಉತ್ತರದ ಪೂರ್ವಸಿದ್ಧತೆಯ ಬರವಣಿಗೆಯನ್ನು (ಚಿತ್ತು ಕೆಲಸ) ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಯಲ್ಲಿ ಒದಗಿಸಿದ ಖಾಲಿ ಜಾಗದಲ್ಲಿ ಮಾತ್ರವೇ ಮಾಡಬೇಕು (ಓ.ಎಂ.ಆರ್. ಉತ್ತರ ಹಾಳೆಯಲ್ಲಿ ಮಾಡಬಾರದು).
6. ಒಂದು ನಿರ್ದಿಷ್ಟ ಪ್ರಶ್ನೆಗೆ ಒಂದಕ್ಕಿಂತ ಹೆಚ್ಚು ವೃತ್ತಾಕಾರವನ್ನು ಗುರುತಿಸಲಾಗಿದ್ದರೆ, ಅಂತಹ ಉತ್ತರವನ್ನು ತಪ್ಪು ಎಂದು ಪರಿಗಣಿಸಲಾಗುತ್ತದೆ ಮತ್ತು ಯಾವುದೇ ಅಂಕವನ್ನು ನೀಡಲಾಗುವುದಿಲ್ಲ. ಓ.ಎಂ.ಆರ್. ಹಾಳೆಯಲ್ಲಿನ ಉದಾಹರಣೆ ನೋಡಿ.
7. ಅಭ್ಯರ್ಥಿ ಮತ್ತು ಕೊಠಡಿ ಮೇಲ್ವಿಚಾರಕರು ನಿರ್ದಿಷ್ಟಪಡಿಸಿದ ಸ್ಥಳದಲ್ಲಿ ಓ.ಎಂ.ಆರ್. ಹಾಳೆಯ ಮೇಲೆ ಸಹಿ ಮಾಡಬೇಕು.
8. ಅಭ್ಯರ್ಥಿಯು ಪರೀಕ್ಷೆಯ ನಂತರ ಕೊಠಡಿ ಮೇಲ್ವಿಚಾರಕರಿಗೆ ಮೂಲ ಓ.ಎಂ.ಆರ್. ಉತ್ತರ ಹಾಳೆ ಮತ್ತು ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಪ್ರತಿಯನ್ನು ಹಿಂದಿರುಗಿಸಬೇಕು.
9. ಅಭ್ಯರ್ಥಿಯು ಪ್ರಶ್ನೆ ಪುಸ್ತಕವನ್ನು ಮತ್ತು ಓ.ಎಂ.ಆರ್. ಅಭ್ಯರ್ಥಿಯ ಪ್ರತಿಯನ್ನು ತಮ್ಮ ಜೊತೆ ತೆಗೆದುಕೊಂಡು ಹೋಗಬಹುದು.
10. ಕ್ಯಾಲ್ಕುಲೇಟರ್, ಪೇಜರ್ ಮತ್ತು ಮೊಬೈಲ್ ಫೋನ್‌ಗಳನ್ನು ಪರೀಕ್ಷಾ ಕೊಠಡಿಯ ಒಳಗೆ ಅನುಮತಿಸಲಾಗುವುದಿಲ್ಲ.
11. ಅಭ್ಯರ್ಥಿಯು 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.