Roll No	 				Question Booklet	Number
O. M. R. Serial No.						

M. Sc. (Industrial Chemistry) (Second Semester) EXAMINATION, July, 2022

POLYMER CHEMISTRY

Paper Code				
MSIC	2	0	1	

Questions Booklet Series

B

[Maximum Marks : 100

Time: 1:30 Hours]

Instructions to the Examinee:

- 1. Do not open the booklet unless you are asked to do so.
- 2. The booklet contains 100 questions. Examinee is required to answer any 75 questions in the OMR Answer-Sheet provided and not in the question booklet. If more than 75 questions are attempted by student, then the first attempted 75 questions will be considered for evaluation. All questions carry equal marks.
- 3. Examine the Booklet and the OMR Answer-Sheet very carefully before you proceed. Faulty question booklet due to missing or duplicate pages/questions or having any other discrepancy should be got immediately replaced.

परीक्षार्थियों के लिए निर्देश :

- प्रश्न-पुस्तिका को तब तक न खोलें जब तक आपसे कहा न जाए।
- 2. प्रश्न-पुस्तिका में 100 प्रश्न हैं। परीक्षार्थी को किन्हीं 75 प्रश्नों को केवल दी गई OMR आन्सर-शीट पर ही हल करना है, प्रश्न-पुस्तिका पर नहीं। यदि छात्र द्वारा 75 से अधिक प्रश्नों को हल किया जाता है तो प्रारम्भिक हल किये हुए 75 उत्तरों को ही मूल्यांकन हेतु सम्मिलित किया जाएगा। सभी प्रश्नों के अंक समान हैं।
- उ. प्रश्नों के उत्तर अंकित करने से पूर्व प्रश्न-पुस्तिका तथा OMR आन्सर-शीट को सावधानीपूर्वक देख लें। दोषपूर्ण प्रश्न-पुस्तिका जिसमें कुछ भाग छपने से छूट गए हों या प्रश्न एक से अधिक बार छप गए हों या उसमें किसी अन्य प्रकार की कमी हो, तो उसे तुरन्त बदल लें।

(शेष निर्देश अन्तिम पृष्ठ पर)

(Only for Rough Work)

MSIC-	-201	(3)			Set-B
	(D)	None of the above		(D)	$\overline{\mathrm{M}}_n > \overline{\mathrm{M}}_v < \overline{\mathrm{M}}_w$
	(C)	Nylon 6, 10		(C)	$\overline{\mathrm{M}}_n > \overline{\mathrm{M}}_v > \overline{\mathrm{M}}_w$
	(B)	Nylon 6, 6		(B)	$\overline{\mathrm{M}}_n < \overline{\mathrm{M}}_v > \overline{\mathrm{M}}_w$
	(A)	Nylon 6		(A)	$\overline{\mathrm{M}}_n < \overline{\mathrm{M}}_{\scriptscriptstyle V} < \overline{\mathrm{M}}_{\scriptscriptstyle W}$
	hexa	methylene diamine and adipic acid?	8.	Tick	the correct order:
4.	Whic	ch of the following is a polymer of		(D)	Acids
	(D)	Polyacrylonitrile		(C)	Lubricants
	(C)	Cellulose		(B)	Filler
	(B)	Polyesters		(A)	Plasticizer
	(A)	Polyamide	,.		tive during the moulding of a plastic?
	draw	n into fibre ?	7.	Whi	ch of the following is not used as an
3.		ch of the following is generally not		(D)	None of the above
	(D)	None of the above		(C)	Catalyst
	(C) (D)	Aldehydes None of the above		(B)	Reaction quencher
	(B)	Hydrochloric acid		(A)	Initiator
	(A)	Organic peroxides	6.	Hydı	roquinone is used as:
	by:			(D)	Polyamides
2.		radical polymerisation is catalyzed		(C)	Polyurethanes
2	, ,			(B)	Polyesters
	(D)	None of the above			•
	(C)	Polystyrene		(A)	Polycarbonates
	(B)	Polypropylene			tane diol is :
	(A)	PVC		1, 6-	-hexamethylene di-isocyanate and 1,

5.

1.

Thermocol is:

Condensation polymerization product of

- 9. The bottles from thermoplastic polymers are made by :
 - (A) Injection moulding
 - (B) Extrusion moulding
 - (C) Rotational moulding
 - (D) Blow moulding
- 10. Which of the following cannot be made by compression moulding process?
 - (A) Gaskets
 - (B) Bottles
 - (C) Washing machine housing
 - (D) None of the above
- 11. In which of the following a die is used?
 - (A) Injection moulding
 - (B) Extrusion moulding
 - (C) Compression moulding
 - (D) None of the above
- 12. Coating of electrical wires is done with:
 - (A) Injection moulding
 - (B) Compression moulding
 - (C) Extrusion moulding
 - (D) Blow moulding
- 13. A hot softened thermoplastic tube, placed inside a two-piece hollow mould in blow moulding is known as:
 - (A) Garison
 - (B) Parison
 - (C) Harison
 - (D) None of the above

- 14. Thermoforming is a highly useful process for fabricating :
 - (A) Three-dimensional articles from plastic sheets
 - (B) Coating material
 - (C) Hollow articles
 - (D) None of the above
- 15. Feed zone, compression zone, metering zone are the parts of the machine of :
 - (A) Blow moulding
 - (B) Extrusion moulding
 - (C) Thermoforming
 - (D) Compression moulding
- 16. Which of the following techniques employs a multiple headed gun?
 - (A) Filament-winding technique
 - (B) The hand lay-up technique
 - (C) Spray up technique
 - (D) Pultrusion technique
- 17. Which of the following is not a reinforcing technique?
 - (A) Fibre spinning
 - (B) Spray up technique
 - (C) The hand lay-up technique
 - (D) Filament-winding technique

18.	The technique that is used to produce	22.	Which of the following materials is not
	polymeric film is:		made by injection moulding?
	(A) Casting		(A) Nuts
	(B) Moulding		(B) Electrical fittings
	(C) Spinning		(C) Car handles
	(D) None of the above		(D) Tubes
19.	Calendering is the process to produce :	23.	Injection moulding is the ideal method of
	(A) Hollow articles		processing
	(B) Films and sheets		(A) Thermoplastics
	(C) Toys		(B) Thermosetting materials
	(D) None of the above		(C) Plastics
20.	'Male' and 'Female' moulds are related		(D) All of the above
	to:	24.	Compression moulding is the ideal
	(A) Calendering		method of processing
	(B) Compression moulding		(A) Thermoplastics
	(C) Injection moulding		(B) Thermosetting polymers
	(D) Blow moulding		(C) Plastics
21.	In compression moulding, the excess		(D) None of the above
	material flows out of the mould as a thin	25.	Which of the following types of polymers
	film is known as:		is a co-polymer?
	(A) Mash		(A) Linear
	(B) Flash		(B) Branched
	(C) Foam		(C) Graft
	(D) Parison		(D) All of the above

26.	Whi	ch of the following is a cross linked	30.	Plex	iglass is:
	poly	mer ?		(A)	PAN
	(A)	Polyester		(B)	PMMA
	(B)	Novlac		(C)	PS
	(C)	Bakelite		(D)	PTFE
	(D)	Nylon-6	31.	Non-	-stick utensils are coated with:
27.	The	number of repeating units in a	31.	(A)	Nylon
	polymer is called:			(B)	Dacron
	(A)	Molecular weight of polymer		(C)	Rayon
	(B)	Polydispersity index		(D)	Teflon
	(C)	Degree of polymerisation		(D)	Telloli
	(D)	None of the above	32.	Whic	ch of the following is not a
28.	The	phenomena of 'autoacceleration'		comi	monly used spinning method?
	occurs in:			(A)	Dry spinning
	(A)	Bulk polymerisation		(B)	Wet spinning
	(B)	Solution polymerisation		(C)	Melt spinning
	(C)	Emulsion polymerisation		(D)	Spraying up
	(D)	Suspension polymerisation	33.	Epic	hlorohydrin and bisphenol-A
29.	Poly	mer forms in the form of beads in:		poly	merise to give :
	(A)	Bulk polymerisation		(A)	Polycarbonates
	(B)	Solution polymerisation		(B)	Polyurethanes
	(C)	Emulsion polymerisation		(C)	Epoxy resin
	(D)	Suspension polymerisation		(D)	Amino resin

- 34. The temperature below which an amorphous polymer becomes hard, brittle and breaks like glass is called:
 - (A) Melting temperature
 - (B) Glass transition temperature
 - (C) Softening temperature
 - (D) Heat distortion temperature
- 35. Dilatometric method is used to measure:
 - (A) Melting point of a polymer
 - (B) Flow temperature of a polymer
 - (C) Glass transition temperature of a polymer
 - (D) None of the above
- 36. Mark-Houwnik equation is:
 - (A) $[\eta] = K\overline{M}^a$
 - (B) $K = [\eta] \overline{M}^a$
 - (C) $[\eta] = \frac{K}{\overline{M}^a}$
 - (D) $\overline{\mathbf{M}}^a = [\eta]\mathbf{K}$

- 37. In Mark-Houwnik equation $[\eta]$ represents to :
 - (A) relative viscosity of polymer
 - (B) inherent viscosity
 - (C) intrinsic viscosity
 - (D) absolute viscosity
- 38. Relation between T_g and melting point is:

(A)
$$\frac{1}{2} < T_g / T_m > \frac{2}{3}$$

(B)
$$\frac{1}{2} > T_g / T_m > \frac{2}{3}$$

(C)
$$\frac{1}{2} < T_g / T_m < \frac{2}{3}$$

- (D) None of the above
- 39. The narrow temperature range over which a polymer get distorted to a fixed extent under a given load is known as:
 - (A) Glass transition temperature
 - (B) Softening temperature
 - (C) Melting temperature
 - (D) Heat distortion temperature

- 40. Which of the following polymers cannot crystallise?
 - (A) Atactic
 - (B) Syndiotactic
 - (C) Isotactic
 - (D) All of the above
- 41. Which of the following statements is true?
 - (A) Natural rubber is more crystalline than Gutta Percha.
 - (B) Gutta Percha is more crystalline than natural rubber.
 - (C) Natural rubber is a trans isomer.
 - (D) Gutta Percha is a cis isomer.
- 42. Choose the correct statement:
 - (A) Nylon is amorphous.
 - (B) Polyvinyl carbazole is highly crystalline.
 - (C) Polyvinyl alcohol does not crystallise easily.
 - (D) Linear polyethene is more crystalline than branched polythene.
- 43. On increasing the crystallinity of polymer, permeability:
 - (A) Increases
 - (B) Decreases
 - (C) Is not affected
 - (D) May be increase or decrease

44. Degree of crystallinity of polymer sample can be computed (in terms of density) as :

(A)
$$X_v = \frac{d_a - d}{d_a - d_c}$$

(B)
$$X_{v} = \frac{d_a - d}{d_c - d_a}$$

(C)
$$X_v = \frac{d - d_a}{d_c - d_a}$$

(D)
$$X_v = \frac{d - d_a}{d_a - d_c}$$

45. Mathematical relation between T_g and molecular weight is computed as:

$$(A) \quad T_g = T_g^{\infty} + \frac{M_n}{K}$$

(B)
$$T_g = T_g^{\infty} - \frac{M_n}{K}$$

(C)
$$T_g = T_g^{\infty} - \frac{K}{M_n}$$

- (D) None of the above
- 46. The crystalline behaviour of polymer is studied by using :
 - (A) TGA
 - (B) DSC
 - (C) DTA
 - (D) X-ray and electron diffraction method

- 47. In chain growth polymerisation the chains are not active:
 - (A) Before termination
 - (B) After termination
 - (C) In starting
 - (D) In between of termination and starting
- 48. 'Living polymer' is obtained at the end of:
 - (A) Cationic polymerisation
 - (B) Anionic polymerisation
 - (C) Free radical polymerisation
 - (D) Condensation polymerisation
- 49. The temperature at which the rates of propagation as well as depropagation are equal is called the :
 - (A) Heat distortion temperature
 - (B) Melting temperature
 - (C) Ceiling temperature
 - (D) Glass transition temperature
- 50. The average number of monomer molecules consumed by each effective free radical generated by the initiator is called as:
 - (A) Kinetic chain length
 - (B) Degree of polymerisation
 - (C) Molecular weight
 - (D) None of the above

- 51. Tensile and impact strength of polymer with increase in molecular weight upto a limit.
 - (A) increases
 - (B) decreases
 - (C) remains unchanged
 - (D) sometimes increases and decreases
- 52. In which polymerisation process, monomer is taken in the liquid state and the initiator and chain transfer agent dissolved in it?
 - (A) Bulk polymerisation
 - (B) Solution polymerisation
 - (C) Emulsion polymerisation
 - (D) Suspension polymerisation
- 53. In which polymerisation technique, the monomer is dissolved in an inert solvent along with the chain transfer agent ?
 - (A) Bulk polymerisation
 - (B) Melt polycondensation
 - (C) Solution polymerisation
 - (D) Emulsion polymerisation

- 54. Which of the following polymers is prepared by suspension polymerisation?
 - (A) Polyacrylonitrile
 - (B) Polyisobutylene
 - (C) Expandable polystyrene beads
 - (D) All of the above
- 55. Combination, disproportionation and chain transfer are related to :
 - (A) Initiation step
 - (B) Propagation step
 - (C) Termination step
 - (D) Retardation step
- 56. Finishing operation during the manufacture of fibre by washing it with detergent is called as:
 - (A) Scouring
 - (B) Sizing
 - (C) Dyeing
 - (D) None of the above
- 57. Sizing of a fibre after manufacture is a process of :
 - (A) giving a protective coating
 - (B) dyeing
 - (C) washing with soap and detergent
 - (D) lubrication

- 58. The polymers having extensive conjugation in the backbone which is responsible for conductance are called as:
 - (A) Extrinsically conducting polymers
 - (B) Intrinsically conducting polymers
 - (C) Polymer blends
 - (D) Non-conducting polymers
- 59. *p*-doping in conducting polymer is doneby:
 - (A) Oxidation process
 - (B) Reduction process
 - (C) Blending
 - (D) All of the above
- 60. *n*-doping of a conducting polymer is done by :
 - (A) Oxidation
 - (B) Reduction
 - (C) Blending
 - (D) Filling of a conductive filament
- 61. Which of the following is a conducting polymer?
 - (A) Polycarbonates
 - (B) Bakelite
 - (C) Polyaniline
 - (D) None of the above

- 62. Which of the following is not a natural polymer?
 - (A) Alginate
 - (B) Chitosan
 - (C) Albumin
 - (D) Polylactic acid
- 63. Which of the following is a non-biodegradable polymer?
 - (A) Starch
 - (B) Cellulose
 - (C) Nylon
 - (D) Silk
- 64. Spherulite is a:
 - (A) rod-shaped structure
 - (B) polymer single crystal
 - (C) birefringent structure
 - (D) None of the above
- 65. Formula of viscosity average molecular weight is:

(A)
$$\overline{\mathbf{M}}_{v} = \left[\frac{\sum n_{i} \mathbf{M}_{i}^{1+a}}{\sum n_{i} \mathbf{M}_{i}}\right]^{\frac{1}{a}}$$

(B)
$$\overline{\mathbf{M}}_{v} = \left[\frac{\sum n_{i}^{2} \mathbf{M}_{i}^{1+a}}{\sum n_{i} \mathbf{M}_{i}^{2}} \right]_{a}^{1}$$

(C)
$$\overline{\mathbf{M}}_{v} = \left[\frac{\sum n_{i} \mathbf{M}_{i}^{3}}{\sum n_{i} \mathbf{M}_{i}^{2}}\right]^{\frac{1}{a}}$$

(D)
$$\overline{\mathbf{M}}_{v} = \left[\frac{\sum n_{i} \mathbf{M}_{i}^{1+a}}{\sum n_{i} \mathbf{M}_{i}^{2}}\right]^{\frac{1}{a}}$$

- 66. Calculate the maximum percentage of sulphur that can be present in vulcanized rubber:
 - (A) 8%
 - (B) 16%
 - (C) 32%
 - (D) 64%
- 67. The presence of aromatic groups on polymer chain:
 - (A) Increases the T_g value
 - (B) Decreases the T_g value
 - (C) Does not affect the T_g value
 - (D) None of the above
- 68. When termination occurs by coupling, the degree of polymerisation is:
 - (A) $\overline{D}_p = v$
 - (B) $\overline{D}_p = 2v$
 - (C) $\overline{\mathbf{D}}_p = 3\mathbf{v}$
 - (D) $\overline{D}_p = \frac{v}{N}$

69. The rate of formation of polymer in free radical polymerisation is given by the equation:

(A)
$$R_p = \frac{K_t^{1/2}}{K_d^{1/2}} K_p(f[I])^{1/2}[M]$$

(B)
$$R_p = K_p \frac{K_d^{1/2}}{K_t^{1/2}} (f[I])[M]^{1/2}$$

(C)
$$R_p = K_p \frac{K_d^{1/2}}{K_t^{1/2}} (f[I])^{1/2} [M]$$

- (D) None of the above
- 70. Which of the following is a non-electrically conducting polymer?
 - (A) Polyaniline
 - (B) Polypyrrole
 - (C) Bakelite
 - (D) None of the above
- 71. Contact lenses are made up of :
 - (A) Polycarbonates
 - (B) P-HEMA
 - (C) P-MMA
 - (D) None of the above
- 72. Which statement is incorrect regarding solubility of polymers?
 - (A) Crystallinity decreases solubility
 - (B) Crystallinity increases solubility
 - (C) Cross-linking eliminates solubility
 - (D) Solubility will decrease with increasing molecular weight at constant temperature.

73. Which equation is correct for solubility?

(A)
$$\Delta G_m = \Delta H_m - T\Delta S_m < 0$$

(B)
$$\Delta G_m = \Delta H_m + T\Delta S_m < 0$$

(C)
$$\Delta G_m = \Delta H_m - T\Delta S_m > 0$$

(D)
$$\Delta G_m = \Delta H_m + T\Delta S_m > 0$$

74. The rate of termination of a free radical polymerisation is given by the equation:

(A)
$$+\frac{d[M^*]}{dt} = 2K_t[M^*][M]$$

(B)
$$-\frac{d[M^*]}{dt} = 2K_t[M^*][M^*]$$

(C)
$$-\frac{d [M^*]}{dt} = 2K_t[M^*][M]$$

- (D) None of the above
- 75. The chain length of cationically polymerised polymer is:
 - (A) The ratio of rate of polymerisation and rate of initiation.
 - (B) The ratio of polymerisation and rate of propagation.
 - (C) The ratio of polymerisation and rate of termination.
 - (D) None of the above

76.	Titanium tetrachloride organoaluminium	80.	The softening temperature of HDPE is:
	Co-catalyst is:		(A) 200 K
	(A) Free radical polymerization		(B) 300 K
	(B) Cationic polymerization		(C) 400 K
	(C) Melt polycondensation		(D) 500 K
	(D) Coordination polymerization	81.	Initiator used in the preparation of PVC
77.	Teflon is:		is:
	(A) $(CF)_n$		(A) Lewis acid
	(B) $(C_4F_2)_n$		(B) Grignard reagent
	(C) $(C_2F_4)_n$		(C) Ziegler-Natta catalyst
	(D) None of the above		(D) Benzoyl peroxide
78.	Which of the following is a synthetic	82.	Functionality of lactic acid
	fibre ?		CH ₃ CH(OH)COOH is:
	(A) Silk		(A) 2
	(B) Jute		(B) 3
	(C) Rayon		(C) 4
	(D) Cotton		(D) None of the above
79.	LDPE is prepared by polymerising	83.	Which of the following is an inorganic
	ethylene at a pressure of		polymer ?
	(A) 100-200 atmospheres		(A) Cotton
	(B) 200-400 atmospheres		(B) Jute
	(C) 400-800 atmospheres		(C) Glass
	(D) 1000-5000 atmospheres		(D) Nylon

(13)

Set-B

MSIC-201

84.	Bakelite is the condensation	88.	Chief constituent of cotton fibre is:
	polymerisation product of:		(A) Protein
	(A) Urea and formaldehyde		(B) Starch
	(B) Phenol and formaldehyde		(C) Cellulose
	(C) Diols and isocyanate		(D) Lignin
	(D) Phenol and acetaldehyde	89.	Dry spinning is used for :
85.	Nylon belongs to:		(A) PVC
	(A) Polyester		(B) Rayon
	(B) Polyamide		(C) Polyvinyl acetate
	(C) Polyphenols		(D) None of the above
	(D) None of the above	90.	Which of the following additives are
86.	Which of the following biopolymers are		added to plastic to increase the flexibility?
	the polymerisation product of amino		(A) Fillers
	acids?		(B) Plasticizer
	(A) Nucleic acids		(C) Lubricants
	(B) Cellulose		(D) Antioxidants
	(C) Lipids	91.	Phenolic resins are produced by the
	(D) Proteins		condensation polymerisation of
87.	Balls are made by:		formaldehyde with:
	(A) Compression moulding		(A) Phenol
	(B) Injection moulding		(B) Urea
	(C) Rotational moulding		(C) Melamine
	(D) None of the above		(D) Resorcinol

92. Polycarbonates condensation 96. Which polymer is used for making are unbreakable crockery? product of: (A) Polyamides (A) Diphenyl carbonate and bisphenol-A (B) Melamine (B) Methyl methacrylate (C) **PEG** (C) Aromatic dichloride and aromatic (D) None of the above diamines 97. Rayon is produced from: (D) None of the above (A) Starch 93. Nylon-6 is manufactured from: (B) Lignin (C) Cellulose (A) Adipic acid and hexamethylene Polyamides (D) diamine Which of the following is not prepared by 98. (B) Caprolactum chain growth polymerisation? (C) ω-amino undecanoic acid (A) PVC (D) None of the above (B) Polystyrene 94. Which of the following is not a (C) Urea formaldehyde resins None of the above (D) thermoplastic? (A) PVC 99. Terylene is a: (A) Polyamide (B) Polythene (B) Polyester (C) Polypropylene (C) Rayon (D) Expoxy polymer None of the above 95. Stabilizers are added during processing of 100. Which of the following is not a polymer polymer to improve: of two different monomers? (A) its impact strength (A) Bakelite Phenolic resin (B) (B) its thermal stability (C) Teflon (C) its elasticity

(D) its mechanical strength

Polyurethane

(D)

4. Four alternative answers are mentioned for each question as—A, B, C & D in the booklet. The candidate has to choose the most correct/appropriate answer and mark the same in the OMR Answer-Sheet as per the direction:

Example:

Question:

Q.1 (A) (C) (D)
Q.2 (A) (B) (C) (D)
Q.3 (A) (C) (D)

Illegible answers with cutting and over-writing or half filled circle will be cancelled.

- 5. Each question carries equal marks. Marks will be awarded according to the number of correct answers you have.
- 6. All answers are to be given on OMR Answer sheet only. Answers given anywhere other than the place specified in the answer sheet will not be considered valid.
- 7. Before writing anything on the OMR Answer Sheet, all the instructions given in it should be read carefully.
- 8. After the completion of the examination candidates should leave the examination hall only after providing their OMR Answer Sheet to the invigilator. Candidate can carry their Question Booklet.
- 9. There will be no negative marking.
- 10. Rough work, if any, should be done on the blank pages provided for the purpose in the booklet.
- 11. To bring and use of log-book, calculator, pager and cellular phone in examination hall is prohibited.
- 12. In case of any difference found in English and Hindi version of the question, the English version of the question will be held authentic.
- Impt.: On opening the question booklet, first check that all the pages of the question booklet are printed properly. If there is ny discrepancy in the question Booklet, then after showing it to the invigilator, get another question Booklet of the same series.

4. प्रश्न-पुस्तिका में प्रत्येक प्रश्न के चार सम्भावित उत्तर—
A, B, C एवं D हैं। परीक्षार्थी को उन चारों विकल्पों में से
एक सबसे सही अथवा सबसे उपयुक्त उत्तर छाँटना है।
उत्तर को OMR आन्सर-शीट में सम्बन्धित प्रश्न संख्या में
निम्न प्रकार भरना है:

उदाहरण :

प्रश्न :

प्रश्न 1 (A) (C) (D) प्रश्न 2 (A) (B) (D) प्रश्न 3 (A) (C) (D)

अपठनीय उत्तर या ऐसे उत्तर जिन्हें काटा या बदला गया है, या गोले में आधा भरकर दिया गया, उन्हें निरस्त कर दिया जाएगा।

- 5. प्रत्येक प्रश्न के अंक समान हैं। आपके जितने उत्तर सही होंगे, उन्हीं के अनुसार अंक प्रदान किये जायेंगे।
- 6. सभी उत्तर केवल ओ. एम. आर. उत्तर-पत्रक (OMR Answer Sheet) पर ही दिये जाने हैं। उत्तर-पत्रक में निर्धारित स्थान के अलावा अन्यत्र कहीं पर दिया गया उत्तर मान्य नहीं होगा।
- 7. ओ. एम. आर. उत्तर-पत्रक (OMR Answer Sheet) पर कुछ भी लिखने से पूर्व उसमें दिये गये सभी अनुदेशों को सावधानीपूर्वक पढ लिया जाये।
- 8. परीक्षा समाप्ति के उपरान्त परीक्षार्थी कक्ष निरीक्षक को अपनी OMR Answer Sheet उपलब्ध कराने के बाद ही परीक्षा कक्ष से प्रस्थान करें। परीक्षार्थी अपने साथ प्रश्न-पुस्तिका ले जा सकते हैं।
- 9. निगेटिव मार्किंग नहीं है।
- 10. कोई भी रफ कार्य, प्रश्न-पुस्तिका के अन्त में, रफ-कार्य के लिए दिए खाली पेज पर ही किया जाना चाहिए।
- 11. परीक्षा-कक्ष में लॉग-बुक, कैलकुलेटर, पेजर तथा सेल्युलर फोन ले जाना तथा उसका उपयोग करना वर्जित है।
- 12. प्रश्न के हिन्दी एवं अंग्रेजी रूपान्तरण में भिन्नता होने की दशा में प्रश्न का अंग्रेजी रूपान्तरण ही मान्य होगा।

महत्वपूर्ण : प्रश्नपुस्तिका खोलने पर प्रथमतः जाँच कर देख लें कि प्रश्न-पुस्तिका के सभी पृष्ठ भलीभाँति छपे हुए हैं। यदि प्रश्नपुस्तिका में कोई कमी हो, तो कक्षनिरीक्षक को दिखाकर उसी सिरीज की दूसरी प्रश्न-पुस्तिका प्राप्त कर लें।