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

# M.Sc. (SEM.-IV) (NEP) (SUPPLE.)EXAMINATION, 2024-25 CHEMISTRY

(Industrial Chemistry)

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В	0	2	1	0	0	9	T

**Time: 1:30 Hours** 

Question Booklet Series

A

Max. Marks: 75

## Instructions to the Examinee :

- Do not open the booklet unless you are asked to do so.
- The booklet contains 100 questions.
   Examinee is required to answer 75 questions in the OMR Answer-Sheet provided and not in the question booklet.
   All questions carry equal marks.
- 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.
- 4. Four alternative answers are mentioned for each question as A, B, C & D in the booklet. The candidate has to choose the correct / answer and mark the same in the OMR Answer-Sheet as per the direction:

(Remaining instructions on last page)

# 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 75 प्रश्नों को केवल दी गई OMR आन्सर-शीट पर ही हल करना है, प्रश्न-पुस्तिका पर नहीं। 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, उसे तुरन्त बदल लें।
- प्रश्न-पुस्तिका में प्रत्येक प्रश्न के चार सम्भावित उत्तर- A, B, C एवं D हैं। परीक्षार्थी को उन चारों विकल्पों में से सही उत्तर छाँटना है। उत्तर को OMR उत्तर-पत्रक में सम्बन्धित प्रश्न संख्या में निम्न प्रकार भरना है:

(शेष निर्देश अन्तिम पृष्ठ पर)

	(A)	C <sub>3</sub> S		(A)	Lime and gypsum
	(B)	C <sub>2</sub> S		(B)	Lime and silica
	(C)	C <sub>3</sub> A		(C)	Lime and clay
	(D)	$C_4AF$		(D)	Lime and alumina
2.	• -	m is added during cement cture to:	7.		at of hydration in cement is mainly outed by:
	(A)	Increase setting speed		(A)	$C_2S$
	(B)	Reduce cost		(B)	C <sub>4</sub> AF
	(C)	Control flash setting		(C)	$C_3S$ and $C_3A$
	(D)	Increase color		(D)	SiO,
3.		ide that acts as a flux material in .	8.		ry glass is produced mainly from:
	cement		0.		
	(A)	CaO		(A)	Quartz and feldspar
	(B)	$Al_2O_3$		(B)	Silica, soda, and lime
		Fe <sub>2</sub> O <sub>3</sub>		(C)	Lime, gypsum, and alumina
	(D)	SiO <sub>2</sub>		(D)	Boron, silica, and lead oxide
4.		mpound responsible for long-term n in cement is:	9.	Soda-li of:	ime glass has the basic composition
	(A)	$C_3A$		(A)	Na <sub>2</sub> O-CaO <sub>2</sub> SiO <sub>2</sub>
	(B)	C <sub>3</sub> S		(B)	PbO-SiO <sub>2</sub>
	(C)	$C_2S$		(C)	Al <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub>
	(D)	$C_4AF$		(D)	K,O-SiO,
5.	The final exceed	al setting time of cement should not:	10.	. ,	arency of glass is due to its:
	(A)	3 hours		(A)	Crystalline structure
	(B)	5 hours		(B)	Metallic bonds
	(C)	10 hours		(C)	Amorphous structure
	(D)	12 hours		(D)	Hexagonal structure
B0210	09T-A/6	60 (3	)		[P.T.O.]

6.

The raw materials used to produce cement

clinker are mainly:

1.

The major constituent of cement responsible

for strength development is:

11.		dition of lead oxide in glass mainly	16.	The bo	onding present in ceramics is:
	improv			(A)	Metallic only
	(A)	Hardness and toughness		(B)	Ionic and covalent
	(B)	Refractive index and brilliance		(C)	Covalent only
	(C)	Thermal stability		(D)	Metallic and ionic
	(D)	Chemical resistance	17.	White	ware ceramics are usually made from:
12.	Pyrex g	glass can withstand:		(A)	Kaolin, feldspar, quartz
	(A)	High voltage		(B)	
	(B)	High temperature changes			Sand, lime, gypsum
	(C)	High compressive loads		(C)	Magnesia, silica, alumina
	(D)	High impact stress		(D)	Clay, iron oxide, feldspar
13.		ed glasses are generally produced by	18.	Refrac	ctoriness of ceramics is due to:
	adding	:		(A)	Na <sub>2</sub> O and K <sub>2</sub> O
	(A)	Metallic oxides		(B)	CaO and MgO
	(B)	Sodium carbonate		(C)	SiO <sub>2</sub> and Al <sub>2</sub> O <sub>3</sub>
	(C)	Boron		(D)	Fe <sub>2</sub> O <sub>3</sub> and Al <sub>2</sub> O <sub>3</sub>
	(D)	Silica gel	19.	Advar	nced ceramics find use in:
14.	Borosi	licate glass is made of:		(A)	Construction of walls
	(A)	$SiO_2 + B_2O_2$		(B)	Bearings and cutting tools
	(B)	$SiO_2 + Na_2O$			
	(C)	SiO <sub>2</sub> + PbO		(C)	Road pavements
	(D)	$SiO_2 + Al_2O_3$		(D)	Cement mortar
15.	Ceram	ics are generally:	20.	Ceran	nic materials generally fail by:
	(A)	Ductile and tough		(A)	Plastic deformation
	(B)	Brittle and insulating		(B)	Brittle fracture
	(C)	Highly conductive		(C)	Ductile fracture
	(D)	Soft and malleable		(D)	Yielding
B0210	009T-A/	60 (	4)		

21. Macroscopic composites are recognized 25. The strength of composites generally depends on: by: (A) Visible distinction of phases (A) Only the matrix properties Only the reinforcement properties (B) (B) Atomic arrangement Both matrix and reinforcement (C) Molecular bonds (C) properties + interface bonding (D) Crystallographic analysis (D) Only on dispersion of reinforcement 22. The term dispersion in composites usually 26. Particle-reinforced composites usually refers to: provide: (A) Distribution of reinforcement within (A) High stiffness and strength the matrix Ductility and toughness (B) (B) Distribution of heat in the matrix Improved conductivity (C) (C) Spread of cracks during fracture (D) Greater plasticity (D) Mixing of two polymers 27. In particle-reinforced composites, particles 23. Dispersion strengthening is effective when: are generally: (A) Large particles are used (A) Ductile (B) Coarse aggregates are present (B) Hard and brittle Fine, uniformly distributed particles (C) (C) Elastic are used (D) Magnetic (D) Fibers are very long 28. Fiber-reinforced composites are mainly 24. In dispersion-strengthened composites, the used because of: reinforcing phase is: (A) High compressive strength Coarse fibers (A) High tensile strength-to-weight (B) (B) Fine particles ratio Thin sheets (C) High ductility (C) (D) Matrix-rich zones (D) High electrical resistance

(5)

[P.T.O.]

B021009T-A/60

		itical fiber length in fiberreinforced osites depends on:	33.	Fiber-reinforced polymer composites are widely used in:		
	(A)	Diameter of fiber and bond strength		(A)	Aerospace and automotive industries	
		with matrix		(B)	Thermal insulation only	
	(B)	Matrix density only		(C)	Ordinary household items	
	(C)	Volume fraction only		(D)	Food packaging	
	(D)	Temperature conditions only	34.	, ,	nain limitation of fiber-reinforced	
30.	Short	fiber composites are also called:		compo	osites is:	
	(A)	Continuous composites		(A)	High cost and difficulty in processing	
	(B)	Discontinuous composites		(B)	Low strength	
	(C)	Dispersion composites		(C)	Poor stiffness	
	(D)	Particulate composites		(D)	High density	
31.	Long,	continuous fiber composites show:	35.	Whic	h of the following is a natural	
	(A)	Isotropic properties		compo	osite?	
	(B)	Anisotropic properties		(A)	Concrete	
	(C)	Homogeneous properties		(B)	Bone	
				(C)	Fiberglass	
	(D)	No reinforcement effect		(D)	Carbon-carbon composite	
32.	The in	terface in composites plays a role in:	36.	Carbo	on-fiber reinforced composites are	
	(A)	Crack propagation only		valued	l for:	
	(B)	Load transfer between matrix and		(A)	High density	
		reinforcement		(B)	High stiffness and low weight	
	(C)	Increasing density		(C)	Low strength	
	(D)	Reducing wettability		(D)	Corrosion susceptibility	
B0210	009T-A	/60 (6	)			

37. Metal-when:		matrix composites are preferred	41.	The main nitrogenous fertilizer produced from Haber's process is:		
	(A)	High-temperature strength is		(A)	Ammonium nitrate	
	(-)	required		(B)	Ammonia	
	(B)	Low strength is acceptable		(C)	Urea	
				(D)	Nitric acid	
	(C)	Transparency is desired	42.	Urea	contains nitrogen by weight	
	(D)	Electrical insulation is required		approx	rimately:	
38.	Cerami	c-matrix composites are mainly used		(A)	20%	
	to:			(B)	26%	
	(A)	Increase ductility of ceramics		(C)	46%	
	, ,	·		(D)	60%	
	(B)	Reduce thermal stability	43.	Ammo	onium nitrate contains nitrogen in:	
	(C)	Reduce stiffness		(A)	Only nitrate form	
	(D)	Increase porosity		(B)	Only ammonium form	
39.	Polym	er-matrix composites are popular		(C)	Both ammonium and nitrate form	
37.	because they are:			(D)	Organic form	
	(A)	•		The fertilizer that is hygroscopic and prone to caking is:		
	(B)	Lightweight and easy to process		(A)	Urea	
	(C)	Expensive and rare		(B)	Ammonium nitrate	
	(D)	Hard to shape		(C)	Ammonia	
	` /	-		(D)	Potassium nitrate	
40.		ad-carrying capacity of a composite	45.	Anhyd	lrous ammonia is stored under:	
	is prim	arily improved by:		(A)	Normal atmospheric pressure	
	(A)	Reinforcement phase		(B)	Refrigerated tanks at low	
	(B)	Matrix only			temperature	
	(C)	Porosity in the material		(C)	High pressure or low temperature conditions	
	(D)	Crystallinity of matrix		(D)	Dry powdered form	
B0210	09T-A/	60 (7	)		[P.T.O.]	

46.	-	horic acid is obtained by reaction o hate rock with :	f 50.		contains nitrogen and $P_2O_5$ ximately:
	(A)	Sulfuric acid		(A)	$18\%$ N and $46\%~P_2O_5$
	(B)	Nitric acid		(B)	$20\%$ N and $40\%~\mathrm{P_2O_5}$
	(C)	Hydrochloric acid		(C)	46% N and 18% P <sub>2</sub> O <sub>5</sub>
	(D)	Ammonia		(D)	50% N and 25% P <sub>2</sub> O <sub>5</sub>
47.	_	e superphosphate (SSP) contains ble P.O. around:	s 51.	Them	nain potassic fertilizer used in India is:
	(A)	8.10%		(A)	Potassium nitrate
	(B)	14.16%		(B)	Muriate of potash (KCl)
	(C)	26.28%		(C)	Potassium carbonate
	(D)	45.46%		(D)	Potassium sulfate
48.	Triple	e superphosphate (TSP) is	<sub>S</sub> 52.	Muria	te of potash chemically is:
	manuf	actured using:		(A)	$K_2SO_4$
	(A)	HCl		(B)	KNO <sub>3</sub>
	(B)	H <sub>2</sub> SO <sub>4</sub>		(C)	KCl
	(C)	HNO <sub>3</sub>		(D)	K <sub>2</sub> CO <sub>3</sub>
	(D)	$H_3PO_4$	53.	Potas	sium nitrate contains potassium and
49.		monium phosphate (DAP) is ented chemically as:	S		en in percentage approx.:
	(A)	$(NH_4)_2SO_4$		(A)	46% K, 13% N
	(B)	$(NH_4)_2HPO_4$		(B)	60% K, 20% N
	(C)	NH <sub>4</sub> NO <sub>3</sub>		(C)	30% K, 46% N
	(D)	(NH <sub>2</sub> ) <sub>2</sub> CO		(D)	13% K, 46% N
			8)		

54.	Which	fertilizer is called a straight fertilizer?		(C)	It is highly alkaline
	(A)	DAP		(D)	It evaporates easily
	(B)	NPK complex	59.	The fer	tilizer with the highest nitrogen content
	(C)	Urea		is:	
	(D)	Superphosphate mixture		(A)	Urea
55.		tilizer that is neutral in reaction and		(B)	Ammonium sulfate
		no residual acidity or alkalinity is:		(C)	Ammonium nitrate
	(A)	Ammonium sulfate		(D)	Calcium ammonium nitrate
	(B)	Urea	60.	Balanc	ed application of N, P, K is important
	(C)	Ammonium chloride		to prev	rent:
	(D)	Potassium nitrate		(A)	Soil sterilization
56.		of the following fertilizers is explosive re and needs careful handling?		(B)	Soil nutrient imbalance and crop deficiency
	(A)	Urea		(C)	Waterlogging
	(B)	Ammonium nitrate		(D)	Plant diseases
	(C)	SSP	61.	Petrole	eum is primarily composed of:
	(D)	TSP		(A)	Carbohydrates
57.	Excess	ive use of urea may lead to:		(B)	Hydrocarbons
	(A)	Soil salinity		. /	·
	(B)	Soil acidity		(C)	Proteins
	(C)	Soil alkalinity		(D)	Alcohols
	(D)	Soilerosion	62.	Natura	ll gas is mainly composed of:
58.	Rock p	hosphate has to be converted into		(A)	Ethane
	soluble form because:			(B)	Methane
	(A)	It contains free acid		(C)	Propane
	(B)	It is insoluble in water		(D)	Butane

63.	The process of breaking down heavier			•	Higher octane number of a fuel indicates:		
	hydrod	carbons into lighter ones is called:			(A)	Lower ignition quality	
	(A)	Polymerization			(B)	Better anti-knocking property	
	(B)	Hydrogenation			(C)	Poor burning efficiency	
	(C)	Cracking			(D)	Lower flash point	
	(D)	Distillation	68		Cetan	e number is used to express quality	
64.	Thern	nal cracking is carried out in the	e		of:		
	tempe	rature range of:			(A)	Petrol	
	(A)	100–200 °C			(B)	Diesel	
	(B)	200–400 °C			(C)	Kerosene	
	(C)	450–750 °C			(D)	LPG	
	(D)	Above 1000 °C	69		Highe	r cetane number in diesel means:	
65.	The pr	ocess of separating different fractions	5		(A)	Delayed ignition	
	of petr	roleum is called :			(B)	Lower ignition quality	
	(A)	Hydrogenation			(C)	Better ignition quality and smooth	
	(B)	Refining				running	
	(C)	Distillation			(D)	Higher calorific value	
	(D)	Polymerization	70		The fla	ash point of a liquid fuel is defined as:	
66.	The oc	ctane rating of petrol indicates:			(A)	Lowest temperature at which it ignites spontaneously	
	(A)	Tendency to corrode			(B)	Lowest temperature at which it	
	(B)	Resistance to knocking				gives enough vapors to ignite momentarily	
	(C)	Calorific value			(C)	Highest temperature of ignition	
	(D)	Viscosity			(D)	Point of complete burning	
B0210	)09T-A/	(60	10)				

71.	Fire point of a fuel is:		75.	The major product obtained from steam cracking of naphtha is:		
	(A)	Higher than flash point		(A)	Methane	
	(B)	Lower than flash point		(B)	Ethylene	
	(C)	Same as flash point		(C)	Acetylene	
	(D)	Unrelated to flash point		(D)	Butane	
72.		cating oils are obtained from which n of crude oil?	76.		etic oils are mainly prepared from:	
	(A)	Gasoline		(A)	Natural gas or coal through chemical synthesis	
	(B)	Middle distillates		(B)	Simple distillation of petroleum	
	(C)	Heavy distillates/residues		(C)	Fermentation of alcohols	
	(D)	Naphtha		(D)	Mechanical refining of crude	
73.	Additives are mixed with lubricating oils to		77.	Synthetic lubricants compared to mineral oils generally show:		
	-	improve:		(A)	Poor oxidation resistance	
	(A) (B)	Calorific value  Performance and durability		(B)	Better viscosity stability and thermal resistance	
	(C)	Density		(C)	Lower flash point	
	(D)	Viscosity only		(D)	Higher corrosiveness	
74.	. ,	ha crackers are mainly used for	78.	Blend	led oils are produced by:	
,	•	etion of:		(A)	Mixing lubricating oils with vegetable oils	
	(A)	Gasoline		(B)	Mixing different mineral oils and	
	(B)	Olefins like ethylene, propylene, butadiene		(2)	additives to achieve desired properties	
	(C)	Lubricating oil		(C)	Mixing petrol and diesel	
	(D)	Paraffin wax		(D)	Blending with water for stability	
B0210	009T-A	/60 (1	1)		[P.T.O.]	

79.	The test used for determining flash and fire points of petroleum products is:		83	3.	The ve	The vehicle in paint is:	
	(A)				(A)	Pigment carrier that forms film on drying	
		apparatus			(B)	A coloring substance	
	(B)	Redwood viscometer			(C)	A volatile solvent	
	(C)	Saybolt apparatus			(D)	An additive for shine	
	(D)	Bomb calorimeter	84	1			
80.	Petrole out by	um refining in India is mostly carried	84	t.	Solvents in paints are added to:		
	·				(A)	Improve color	
	(A) (B)	Destructive distillation  Fractional distillation and			(B)	Reduce viscosity and assist application	
	(-)	secondary conversion processes			(C)	Improve durability	
	(C)	Chemical leaching			(D)	Reduce cost only	
	(D)	Simple condensation	85	5.	Thinne	ers are generally :	
81.	Paints	are generally composed of:					
	(A)	Pigment + Vehicle + Additives			(A)	Non-volatile liquids	
	(B)	Only pigments			(B)	Volatile organic liquids used to dilute paints	
	(C)	Only oils and solvents			(C)	Solid fillers	
	(D)	Pigment + Water only			(D)	Resins	
82.	The ma	ain function of paint is to:	9.6	-	, ,		
	(A)	Improve mechanical strength	86	).		nts are added in paint formulation to:	
	(B)	Provide protection and decorative			(A)	Increase viscosity only	
		finish			(B)	Provide color and opacity	
	(C)	Reduce cost of construction			(C)	Increase fluidity	
	(D)	Act as cementing material			(D)	Act as preservative	
B0210	009T-A/	60 (1	2)				

87.	Fillers	(extenders) in paints are used to:	91.	Insect	icides in paints are added to:
	(A)	Increase gloss		(A)	Prevent corrosion
	(B)	Reduce cost and control consistency		(B)	Prevent fungal and insect attack on surfaces
	(C)	Provide drying action		(C)	Improve shine
	(D)	Act as solvent		(D)	Reduce drying time
88.	Dyes d	liffer from pigments because dyes are:	92.	Additi	ves in paints are used for:
	(A)	Insoluble in medium		(A)	Adjusting gloss, flow, stability, and
	(B)	Soluble in medium and impart			durability
		transparent color		(B)	Increasing density only
	(C)	Used only for white paints		(C)	Decreasing adhesion
	(D)	Only inorganic		(D)	Neutralizing color
89.	Resins	s in paints function as:		, ,	-
	(A)	Binders providing adhesion and	93.	Enam	el paints are characterized by:
		hardness		(A)	Matt finish only
	(B)	Solvents to reduce viscosity		(B)	Smooth, glossy finish and durability
	(C)	Driers to accelerate oxidation		(C)	Water solubility
	(D)	Pigments to impart color		(D)	Quick chalking
90.	Driers	in paints mainly consist of:	94.	Emuls	ion paints are:
	(A)	Metallic soaps (cobalt, manganese,	<i>)</i> 1.	Linuis	ion paints are.
		lead salts)		(A)	Solvent-based
	(B) Organic so	Organic solvents		(B)	Water-based with polymer binders
	(C)	Plasticizers		(C)	Powder-based
	(D)	Extenders		(D)	Oil-based only
B0210	009T-A	/60 (1	3)		[P.T.O.]

95.	Water-based paints are advantageous		98.	Latex paints are an example of:	
96.	because:			(A)	Enamel paints
	(A)	Require strong thinners	99.	(B)	Emulsion paints
	(B)	Emit less odor and are eco-friendly		(C)	Oil-based paints
	(C)	Are highly flammable		(D)	Powder paints
	(D)	Have high VOC emissions			•
				A desirable property of a good paint is:	
	Paints are classified based on:			(A)	High porosity
	(A)	Composition and application		(B)	Quick drying, durability, good
	(B)	Color only			coverage
	(C)	Solventonly		(C)	Low adhesion
	(D)	Viscosity only		(D)	Easy solubility in water always
97.	The manufacture of paints generally involves:		100.	The ingredient in paints responsible for	
	(A)	Grinding pigments, mixing with		preve	nting settling of pigments is:
	(11)	vehicle, adding additives		(A)	Solvent
	(B)	Simple distillation		(B)	Filler
	(C)	Evaporation and condensation		(C)	Additive (suspending agent)
	(D)	Electrolysis of raw materials		(D)	Dye

# **ROUGH WORK**

## Example:

#### Question:

- Q.1 **A © D**
- Q.2 **A B O**
- Q.3 (A) (C) (D)
- Each question carries equal marks.
   Marks will be awarded according to the number of correct answers you have.
- 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 & 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 any discrepancy in the question Booklet, then after showing it to the invigilator, get another question Booklet of the same series.

### उदाहरण :

#### प्रश्न :

प्रश्न 1 (A) ● (C) (D)

प्रश्न 2 (A) (B) ■ (D)

प्रश्न 3 **A ● C D** 

- प्रत्येक प्रश्न के अंक समान हैं। आपके जितने उत्तर सही होंगे, उन्हीं के अनुसार अंक प्रदान किये जायेंगे।
- सभी उत्तर केवल ओ०एम०आर० 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 पढ़ 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 में, रफ-कार्य के लिए दिए खाली पेज पर ही किया जाना चाहिए।
- परीक्षा-कक्ष में लॉग-बुक, कैल्कुलेटर, 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।

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