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

M. Sc. (Microbiology) (Fourth Semester) EXAMINATION, 2022-23

INDUSTRIAL MICROBIOLOGY

Paper Code								
M	I	C	4	0	0	1		

Time : 1:30 Hours]

Questions Booklet Series

Α

[Maximum Marks : 75

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 answer to questions in the OMR Answer-Sheet provided and not in the question booklet. 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 75 प्रश्नों को केवल दी गई OMR आन्सर-शीट पर ही हल करना है, प्रश्न-पुस्तिका पर नहीं। सभी प्रश्नों के अंक समान हैं।
- 3. 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)

(Remaining instructions on the last page)

(Only for Rough Work)

MIC-4	4001	(3)			Set-A
	(D)	Distillation			(D)	Nostoc
	(C)	Degumming			(C)	Agrobacterium
	(B)	Direct crystallization			(B)	Rhizobium
	(A)	Adsorption on activated carbon			(A)	Mycorrhiza
	penic	illin recovery ?			deve	lop biofertilizer ?
4.	Whic	th of the following is a process for		8.	Whic	ch of the following is not used to
	(D)	Chlorine			(D)	Sparger
	(C)	UV radiation			(C)	Impeller
	(B)	Gamma rays			(B)	Head space
	(A)	X-rays			(A)	Shaft
J.		tions?			broth	is called:
3.	Whic	th of the following cannot induce		7.	In fe	rmentor the top portion left without
	(D)	Sucrose			(D)	Sterilization of media
	(C)	Fructose			(C)	Media formulation
	(A) (B)	Glucose Lactose			(B)	Screening
		ly present in whey?			(A)	Product recovery
2.		th of the following carbohydrates are			proce	ess ?
	(D)	Transduction		6.	Whic	ch of the following is a downstream
	(C)	Transformation			(D)	Wheat
	(B)	Conjugation			(C)	Gram
	(A)	rDNA Technology			(B)	Paddy
	impro	ovement ?			(A)	Mustard
	most	advanced method for strain			biofe	ertilizer in the crop of

Which of the following procedures is the 5. Blue-green algae are chiefly used as

1.

9.	Alcoholic fermentation is carried out by :	13.	Term ATCC stands for :
	(A) Lactobacillus		(A) Aerobic type culture collection
	(B) Bacillus		(B) Anaerobic type culture collection
	(C) Saccharomyces cerevisiae		(C) American type culture collection
	(D) Escherichia coli		(D) None of the above
10.	Which of the following techniques is not used for isolation and screening of desired microorganisms? (A) Crowded plate technique (B) Auxanographic technique (C) Enrichment culture technique (D) Hanging drop method	14.	Microorganisms use substrate to make single-cell proteins: (A) Industrial wastes (B) Agriculture wastes (C) Methane (D) All of the above
11.	involves the physical binding of the enzymes on the surface on an inert support.	15.	Which of the following reactions occurs during the sterilization which results in browning of media?
12.	 (A) Adsorption (B) Cross linking (C) Encapsulation (D) Lattice entrapment The efficiency of cell disruption in a 		(A) Sandmeyer reaction(B) Maillard reaction(C) Cannizzaro reaction(D) Gattermann reaction
14.	bead mill depends on the : (A) Concentration of the cells (B) Amount and size of beads (B) Type and rotational speed of agitation (D) All of the above	16.	Which of the following is not the objective of impeller used in fermenters? (A) Air dispersion (B) Heat transfer (C) Oxygen transfer (D) Introduces air in media

(4)

Set-A

9.

MIC-4001

17.	Algal pigments are produced at industrial	21.	Which of the following instruments						
	level using which fermenter?		works on the principle of batch						
	(A) Stirred tank fermenter		sterilization ?						
	(B) Photobioreactors		(A) Incubator						
	(C) Air lift bioreactor		(B) Autoclave						
	(D) Bubble column bioreactor		(C) Centrifuge(D) Laminar Air Flow						
18.	Which is not the carrier material used for	22.	What do you mean by "Trophophase" ?						
	biofertilizer development ?		(A) Production of waste materials						
	(A) Peat		(B) Production of topical products						
	(B) Lignite		(C) Production of primary metabolites						
	(C) Vermiculite		(D) Production of secondary						
	(D) Jaggery		metabolites						
19.	Which of the following is not a type of	23.	A major ingredient of penicillin						
	fermentation process ?		production media is:						
	(A) Continuous culture		(A) Corn meal						
	(B) Batch fermentation		(B) Corn steep liquor						
	(B) Fed-batch fermentation		(C) Cane steep liquor						
	(D) Small batch fermentation		(D) None of the above						
20.	Which substrate is used for the isolation	24.	Which of the following raw materials has						
	of protease-producing microbes ?		a substantial impact on glutamic acid production?						
	(A) Wheat bran		(A) Biotin						
	(B) Rice bran		(B) Glycerol						
	(C) Paddy straw		(C) Yeast extract						

(D) Corn-steep liquor

(D) All of the above

- 25. Which of the following shows zone of inhibition when a particular organism is grown on petri plate?
 - (A) Growth factor producer
 - (B) Antibiotic producer
 - (C) Organic acid producer
 - (D) Amino acid producer
- 26. Malolactic fermentation is known for:
 - (A) reducing wine acidity
 - (B) producing aroma and flavor changes
 - (C) Only (A)
 - (D) Both (A) and (B)
- 27. Which of the following is not an example of malt adjuncts?
 - (A) Wheat
 - (B) Maize
 - (C) Rice
 - (D) Water
- 28. Dual fermentation for L-Lysine involves strains defective for :
 - (A) DAP decarboxylase
 - (B) Aspartokinase
 - (C) Homoscrine dehydrogenase
 - (D) None of the above

- 29. The boiling of grains during the mash step leads to:
 - (A) Saccharification
 - (B) Mashing
 - (C) Decoction
 - (D) Malting
- 30. Primary metabolite levels are controlled by:
 - (A) rDNA Technology
 - (B) Feedback mechanism
 - (C) Incubating the microorganism in dark
 - (D) Adding the inhibitors
- 31. Which organism was used to produce recombinant insulin?
 - (A) Cyanobacteria
 - (B) E. coli
 - (C) Rhizobium meliloti
 - (D) Bacilus subtilis
- 32. Which strategy may be necessary when it is not feasible to render the working environment completely safe?
 - (A) Inspection and audit
 - (B) Administrative control
 - (C) Personal protective equipment
 - (D) Engineering control

33.	Vinegar fermentation involves:	37.	Increased permeability in glutamic acid				
	(A) Yeasts only		producing bacteria can be accomplished				
	(B) Yeasts with lactic bacteria		by:				
	(C) Yeasts with acetic acid bacteria		(A) Biotin deficiency				
	(D) Yeasts with butyric acid bacteria		(B) Addition of penicillin(C) Both (A) and (B)				
34.	Which of the following was the first		(D) Only (B)				
	amino acid to be produced	38.	Diaminopimelic acid (DAP) is				
	commercially ?		produced by which of the following microorganisms?				
	(A) L-glutamic acid		(A) E. coli				
	(B) L-lysine		(B) Enterobacter aerogenes				
	(C) L-cysteine		(C) Bacillus subtilis				
	(D) L-methionine		(D) Streptococcus equisimilis				
35.	is a method of enzyme	39.	in 1983 used recombinant				
	immobilization.		DNA technology to produce insulin.				
	(A) Transmission		(A) Eli Lilly				
			(B) Emily Lilly				
	(B) Transcription		(C) Lilly Rose				
	(C) Encapsulation		(D) Amy Sanger				
	(D) Fermentation	40.	The separation of solid particles from the				
36.	First recombinant vaccine was against:		fermentation broth can be accomplished				
	(A) Hepatitis B		by:				
	(B) Chicken pox		(A) Centrifugation				
	- ·		(B) Filtration				
	(C) HIV		(C) Both (A) and (B)				
	(D) Hepatitis C		(D) None of the above				

(7)

Set-A

MIC-4001

41.	What is the fermenter's primary	44.	For thorough mixing of medium and				
	purpose ?		inoculum the part of fermentor useful is:				
	(A) To recover the product		(A) Shaft				
	(B) To provide optimum growth		(B) Headspace				
	conditions to organisms and obtain		(C) Impeller				
	the desired product		(D) Sparger				
	(C) To sterilize the medium	45.	Which of the following serve as important biofertilizers in paddy field?				
	(D) To purify the product						
42.	Which of the following processes does		(A) Rhizobia(B) Frankia				
	not use physiochemical properties to		(C) Nitrobacter				
	differentiate between impurities and the		(D) Cyanobacteria				
	product ?	46.	What do you mean by 'scale-up'?				
	(A) Filtration		(A) Reducing the fermentation's size.				
	(B) Batch adsorption		(B) Expanding the fermentation				
	(C) Isoatachoporesis		process.				
	(D) Crystallisation		(C) Lowering the agitation's velocity.(D) Accelerating the fermentation				
43.	The fungus is most		process.				
	commonly used for industrial production	47.	Which of the subsequent species				
	of citric acid.		produces streptomycin?				
	(A) Aspergillus niger		(A) S. ramosus				
	(B) Escherichia coli		(B) S. griseus				
	(C) Gluconobactor suboxidance		(C) S. aureofaciens				
	(D) Lactobacillus pentosus		(D) S. griseoflavus				
MIC-	4001 (8)		Set-A				

48.	Pro-hormone insulin has an additional	52.	In the industrial production of				
	stretch that goes by the name of:		streptomycin, the byproduct is:				
	(A) B-peptide		(A) Vitamin-B12				
	(B) G-peptide		(B) Vitamin-C				
	(C) C-peptide		(C) Vitamin-B6				
	(D) S-peptide		(D) Ethanol				
49.	Appropriate strains employed in industry	53.	Which of the following bacterial species				
	go by the names:		is known for its high rate of biomass				
	(A) Genetically stable		production ?				
	(B) Nontoxic		(A) Methylophilus methylotrophus				
	(C) Genetically regarded as safe		(B) Xanthomonas				
	(GRAS)		(C) Clostridium				
	(D) None of the above		(D) Rhizomonas				
50.	Subunit vaccination is everything,	54.	Industrial production of Vitamin-B12 is				
	excluding:		from:				
	(A) A purified part or pieces of the		(A) Propionibacterium sps.				
	antigen		(B) Pseudomonas sps.				
	(B) Hepatitis-B vaccine		(C) Both (A) and (B)				
	(C) A whole purified virus						
	(D) An expensive type of vaccine		(D) None of the above				
51.	Sterilisation of media components that	55.	6-amino penicillic acid is prepared from				
	are heat labile involves:		penicillin sps by:				
	(A) Chemical disinfectan		(A) Penicillinase				
	(B) γ - Radiation		(B) Acylase				

(C) UV light

(D) Filtration

(C) Oxidase

(D) β-lactamase

56.	Inter	feron is produced using:	60.	Wha	t criteria	are	used	to	evaluate
	(A)	Finite cell line		profi	tability?				
	(B)	Continuous cell line		(A)	Gross ma	rgin			
	(C)	Primed continuous cell line		(B)	Payback t	ime			
	(D)	Primed and induced continuous		(C)	Both (A)	and (B)		
		cell line		(D)	None of t	he ab	ove		
57.	Wha	t is used to produce Spirit vinegar?	61.	Agar	icus bispoi	us is	also kn	own	as:
	(A)	Fruit juices		(A)	Button m	ushro	om		
	(B)	Malted grain		(B)	Oyster m	ıshro	om		
	(C)	Ethanol		(C)	Straw mu	shroo	m		
	(D)	Ale		(D)	Winter m				
58.	Whic	ch of the following is the most	62.	Meal	worm-base	ed b	oiologic	al	recovery
	comi	mon source of SCP ?		techr	niques are e	emplo	yed for	::	
	(A)	Mold		(A)	PHA				
	(B)	Yeast		(B)	Xanthan				
	(C)	Algae		(C)	Dextran				
	(D)	Bacteria		(D)	All of the	abov	e		
59.	The	enzymes used to synthesize dextran	63.	Whic	ch carrier s	ubstaı	nce is u	ıtilis	ed for the
	from	sucrose are :		produ	uction of b	iofert	ilizers '	?	
	(A)	Levan sucrose		(A)	Peat				
	(B)	Dextran dextrinase		(B)	Jaggery				
	(C)	Invertase		(C)	CaCO ₃				
	(D)	Dextransucrase		(D)	Dust				

64.	Whic	ch	of	the	following	process	68.	Intra	cellular insulin expression as fusion				
	enco	urag	es gra	ain ge	rmination?			prote	protein products does not result in:				
	(A)	Ma	lting					(A)	Formation of insoluble aggregates				
	(B)	Mil	ling					(B)	Protects proinsulin from				
	(C)	Ma	shing	5					proteolysis				
	(D)	Boi	ling					(C)	Inclusion body formation				
								(D)	Extracellular release of insulin				
65.	Azol	la is	used	as bio	ofertilizer as	it has:		T					
	(A)	Lar	ge qı	ıantity	of humus		69.	The	family of the hop plant is:				
	(D)	Cv	on a b	acteria				(A)	Cannabinaceae				
	(B)	Cya	anoba	acterra	l			(B)	Boraginaceae				
	(C)	Fra	nkia					(C)	Brassicaceae				
	(D)	Rhi	zobia	a				(D)	Apocynaceae				
66.	Mus	hroo	ms a	are a	food that	has low	70.	A bi	oreactor is:				
	conte	ent o	f :					(A)	Culture containing radioactive				
									isotopes				
	(A)	Pro	tein					(B)	Hybridoma				
	(B)	Fol	ic aci	id				(C)	Culture for synthesis of new				
	(C)	Vit	amin	B-12				. ,	chemicals				
	(D)	Car	bohy	drate				(D)	Fermentation tank				
67.	Whic	ch c	one	of th	e followin	g is not	71.	The	discovery that leads to the				
								deve	elopment of first antibiotic was made				
	corre	ectry	maic	hed?				by:					
	(A)	Azo	olla –	— Mai	ize			(A)	Jenner				
	(B)	Azo	otoba	icter –	– Wheat			(B)	Fleming				
	(C)	Rhi	zobii	ım leg	guminisarun	ı — Pea		(C)	Pauling				
	(D)	Blu	e-gre	een alg	gae — Padd	y		(D)	Pasteur				

(11)

Set-A

MIC-4001

What are the types of PHA? 76. What variables affect the fermentation 72. process' economics? (A) scl (A) The price of raw materials (B) mcl (B) The length of the fermentation (C) Both (A) and (B) cycle None of the above (D) (C) The yield of the fermentation 73. How is streptomycin recovered? (D) All of the above Paper chromatography (A) 77. Grist is: (B) Hydrophobic chromatography (A) coarse powder obtained after (C) Size exclusion chromatography milling of malted barley (D) Ion exchange chromatography (B) an aqueous extract of malt (C) malted barley 74. Which steroid is used for microbial coagulated protein obtained during (D) transformation? boiling Cortisol (A) 78. Which adjuvant in vaccine development Cholesterol is least frequently used? (C) Testosterone (A) Formaldehyde (D) Progesterone (B) Aluminium hydroxide 75. Effective poliomyelitis vaccines were (C) Aluminium sulphate developed by culturing the virus of Potassium aluminium sulphate (D) poliomyelitis on the kidney cells of 79. Which among the following is which animal? attenuated vaccine? (A) Cow Salk vaccine (B) Monkey (B) Sabin vaccine (C) Giraffe Pertussis vaccine (C) (D) Pig (D) Tetanus vaccine

80.	Wha	t is the precursor of penicillin?	84.	Whic	h of the subsequent fermentation
	(A)	Benzylpenicillin		techn	iques is used to create penicillin?
	(B)	Isopenicillin N		(A)	Aerobic fermentation followed by
	(C)	Phenylacetic acid			anaerobic fermentation
	(D)	L-α aminoadipic acid		(B)	Anaerobic fermentation
81.	From			(C)	Aerobic fermentation
		ned in the early days?		(D)	Anaerobic fermentation followed
	(A)	Insects			by aerobic fermentation
	(B)	Lizard and snakes			•
	(C)	Cats and dogs	85.	Whic	h media component is not used for
	(D)	Cattle and pigs		large	scale production of fermentation
82.	Whic	ch of the following yeasts can be		produ	act ?
	used	to produce microbial protein ?		(A)	Carbon source
	(A)	Eremothecium ashbyi		(B)	Nitrogen source
	(B)	Candida utilis		(C)	Phosphorus source
	(C)	Saccharomyces cerevisiae		, ,	•
	(D)	Candida milleri		(D)	Agar-agar
83.	The j	process of making malt as soluble as	86.	Whic	h of the following is not a phase of
	possi	ble by using enzymes adjuncts etc.		the bi	rewing process ?
	is kn	own as :		(A)	Fermentation
	(A)	Brewing		(B)	Pre-fermentation
	(B)	Malting		, ,	
	(C)	Mashing		(C)	Wort manufacture
	(D)	Pitching		(D)	Post-fermentation
MIC-4	4001	(1	13)		Set-A

87.	Whic	ch of the following is not a Carbon	90.	Whic	ch	of	the	following	statements
	sourc	ce ?		regai	false?				
	(A)	Blackstrap molasses		(A)	Th	ne si	milar	rity in the	geometry of
	(B)	Whey			the	e fer	mente	er used	
	(B)	Yeast extract		(B)	Th	ne si	milar	ity in the c	onfiguration
	(D)	Beet molasses			of	of the fermenter used			
88.	Molt	ing process allows malt applies and		(C)	There should a minimum of three			um of three	
00.	Man	ing process allows malt amylase and			or	four	stage	es of increm	ent
	prote	sinases to degrade starch and protein		(D)	Inc	Increasing power is a jump in			mp in scale
	to:								
	(A)	glucose and peptone as well as	91.	Whi	ch 1	tech	nique	does not	represent a
	(11)	gracose and peptone as wen as		dehydration-based microbial preservation technique?					preservation
		peptides							
	(B)	glucose and amino acids							
	(A)	maltose and peptone as well as		(A)	Ly	Lyophilisation Liquid Nitrogen freezing			
	(C)			(B)	Lie			g	
		peptides		(C)	Dr	ying	g on s	ilica gel	
	(D)	maltose and amino acids		(D)	L-	Dryi	ing		
89.	Whic	ch of the following materials is used	92.	Foan	n ge	enera	ation	during ferm	entation can
	as bi	oplastic ?		be co				8	
	(A)) Dextran		(A)		Silicone			
	(B)	Polyester		(B)		ırd o			
	` /	•		(D)	La	uu O	11		
	(C)	Polyhydroxybutyrate		(C)	M	echa	nical	foam break	er

(D) All of the above

(D) Polystyrene

- 93. Which one is not a type of fermentor?
 - (A) Airlift bioreactor
 - (B) Packed bed bioreactor
 - (C) Tubelight bioreactor
 - (D) Membrane bioreactor
- 94. Which of the following is not a type of mutation?
 - (A) Point mutations
 - (B) Frameshift mutations
 - (C) Sense mutation
 - (D) Missense mutations
- 95. By which of the following processes, the germination process is stopped?
 - (A) Steeping
 - (B) Kilning
 - (C) Conditioning
 - (D) Mashing
- 96. Which of the following shows clear zone when a particular organism growth on indicator media?
 - (A) Growth factor producer
 - (B) Antibiotic producer
 - (C) Organic acid producer
 - (D) Amino acid producer

- 97. What characteristics must be screened for selection of industrial strain?
 - (A) Desirable property
 - (B) Strain stability
 - (C) Growth on cheap substrate material
 - (D) All of the above
- 98. Metal precipitation in media is avoided by addition of :
 - (A) EDTA
 - (B) yeast extract
 - (C) Only (A)
 - (D) Both (A) and (B)
- 99. The term Racking refers to:
 - (A) stacking unlabeled wine in bins for aging
 - (B) adding yeast to initiate fermentation
 - (C) storing hoses to drain on a slanted board
 - (D) removing clear liquid from sediment
- 100. Sodium or potassium metabisulphate is added to crushed grapes to:
 - (A) enhance the flavouring compound
 - (B) check the undesirable organisms
 - (C) maintain pH
 - (D) All of the above

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:

Example:

Question:

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

Q.3 A \bigcirc 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
सही 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)

 (A)
 (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।