

(Autonomous) (ISO/IEC - 27001 - 2005 Certified)

## SUMMER-2017 EXAMINATION Model Answer

Subject code:

17647

Page 1 of 19

#### **Important Instructions to examiners:**

- 1) The answers should be examined by key words and not as word-to-word as given in the model answer scheme.
- 2) The model answer and the answer written by candidate may vary but the examiner may try to assess the understanding level of the candidate.
- 3) The language errors such as grammatical, spelling errors should not be given more Importance (Not applicable for subject English and Communication Skills.
- 4) While assessing figures, examiner may give credit for principal components indicated in the figure. The figures drawn by candidate and model answer may vary. The examiner may give credit for any equivalent figure drawn.
  - 5) Credits may be given step wise for numerical problems. In some cases, the assumed constant values may vary and there may be some difference in the candidate's answers and model answer.
  - 6) In case of some questions credit may be given by judgement on part of examiner of relevant answer based on candidate's understanding.
  - 7) For programming language papers, credit may be given to any other program based on equivalent concept.



(Autonomous) (ISO/IEC - 27001 - 2005 Certified)

## **SUMMER-2017 EXAMINATION Model Answer**

Subject code : | 17647

Page **2** of **19** 

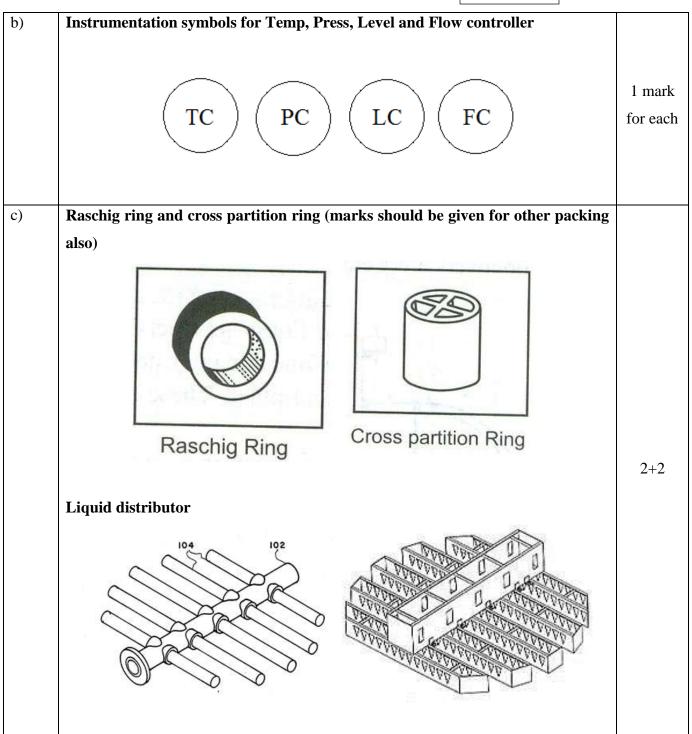
Q No.	Answer	Marks
1 (A)	Attempt any three	
a)	Heat Exchanger	
	OR	
	Mixing	
		1 Mark
	Centrifugal Pump	Tor cuerr
	Rotary dryer (Marks can be given for rotary dryer or rotary vacuum filter)	
	Any other symbol which shows heat exchange should be considered.	



(Autonomous) (ISO/IEC - 27001 - 2005 Certified)

## **SUMMER-2017 EXAMINATION Model Answer**

17647 Subject code: Page 3 of 19

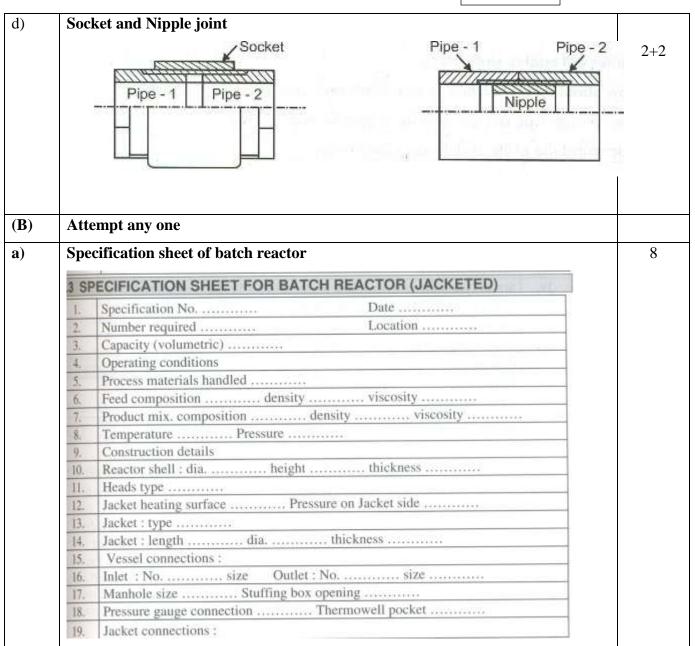




(Autonomous) (ISO/IEC - 27001 - 2005 Certified)

## SUMMER-2017 EXAMINATION Model Answer

Subject code : 17647 Page **4** of **19** 





(Autonomous) (ISO/IEC - 27001 - 2005 Certified)

## **SUMMER-2017 EXAMINATION Model Answer**

Subject code : 17647

Page **5** of **19** 

20	Steam inlet condensate size	
21		
22		
23		
24		
25	The state of the s	
26		
27		
28	Special fittings: Relief valve	
29	Materials of construction	
30	Vessel Jacket Agitator	
31	Vessel nozzles Jacket nozzles	
32	1	
33.	21 Santa Committee of the Committee of t	
34.	principal princi	
35.	Design code Design pressure	
36.		
37.		
38.	Services required:	
39.		
40.	Cooling water: Maximum temperature flow	
41.	Support: typeNo Bracket size	
42.	Column support for bracket : size	
43.	Remarks	
	Prepared by Checked by Approved by	
	Name and Address	
Tube	sheet	
		4+
	(a) Triangular pitch of tubes (b) Square pitch of tubes	
Fixing	g tubes on tube sheet	
Ι '		ı



(Autonomous) (ISO/IEC - 27001 - 2005 Certified)

## SUMMER-2017 EXAMINATION Model Answer

17647 Subject code: Page **6** of **19** Tube sheet Tube OR **Shell and tube heat exchanger (1-1)** b) Tube outlet Diagram Shell inlet 5 marks, Shell Tube nomencl ature 3marks Shell sheet Baffles End channel Shell outlet Tube inlet 2 Attempt any four **Jackets** 4 marks a) for any one



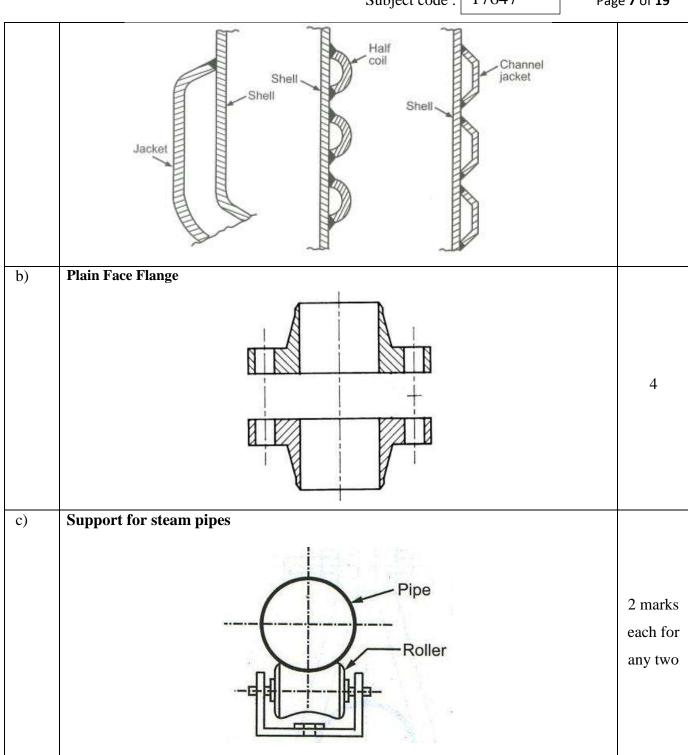
(Autonomous) (ISO/IEC - 27001 - 2005 Certified)

# SUMMER-2017 EXAMINATION Model Answer

Subject code:

17647

Page **7** of **19** 





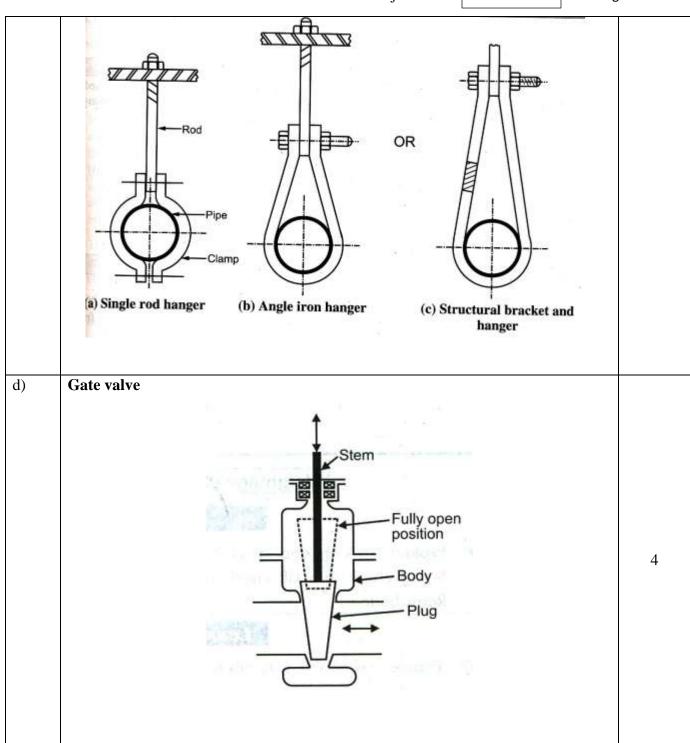
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## SUMMER-2017 EXAMINATION Model Answer

Subject code:

17647

Page 8 of 19





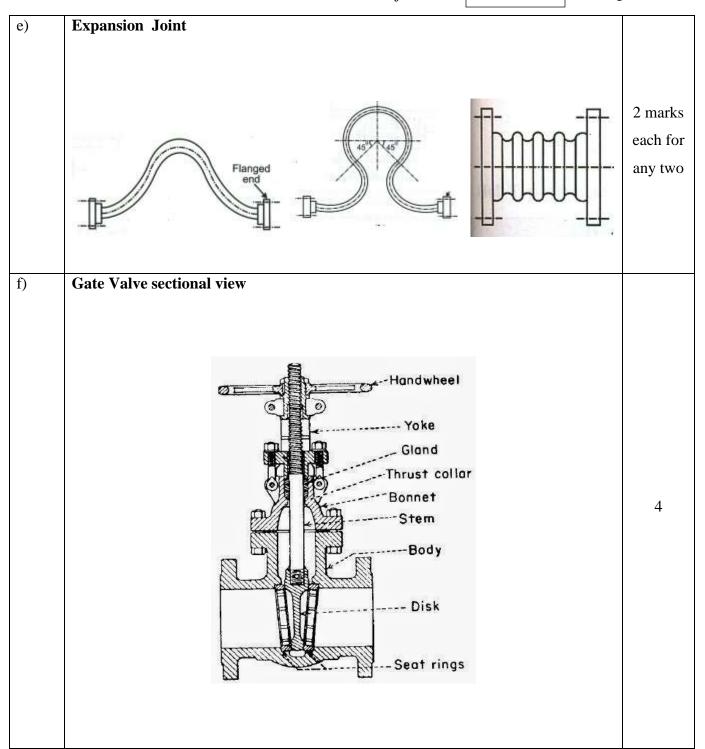
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## SUMMER-2017 EXAMINATION Model Answer

Subject code:

17647

Page **9** of **19** 





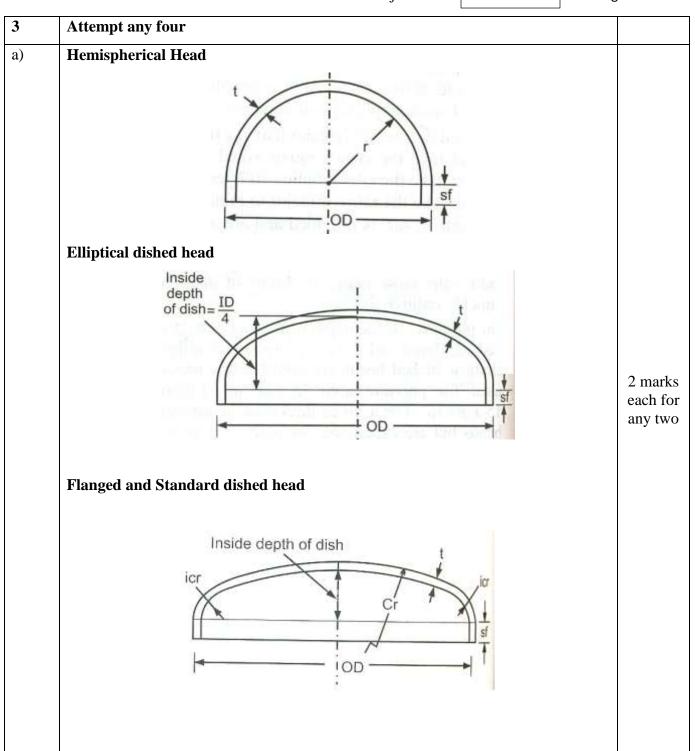
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## SUMMER-2017 EXAMINATION Model Answer

Subject code:

17647

Page **10** of **19** 





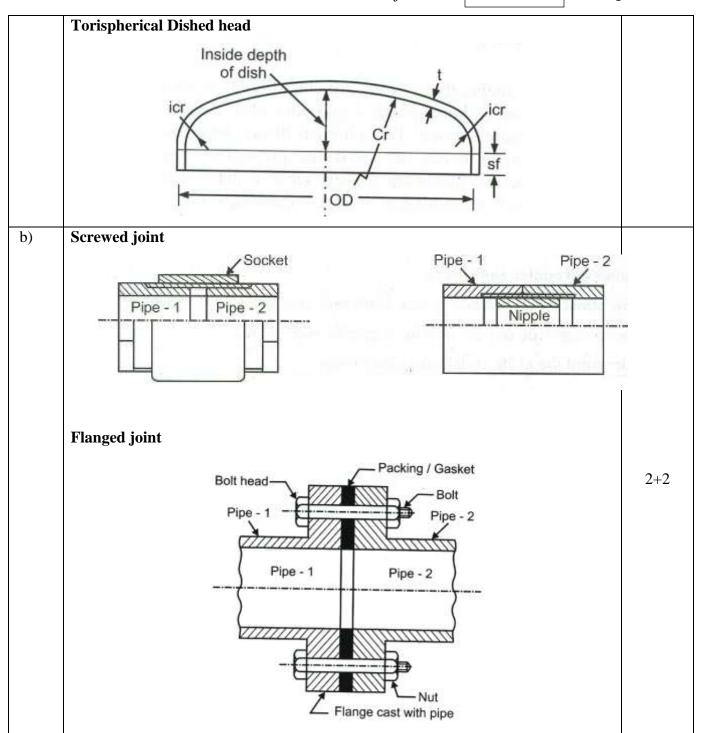
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## SUMMER-2017 EXAMINATION Model Answer

Subject code:

17647

Page **11** of **19** 





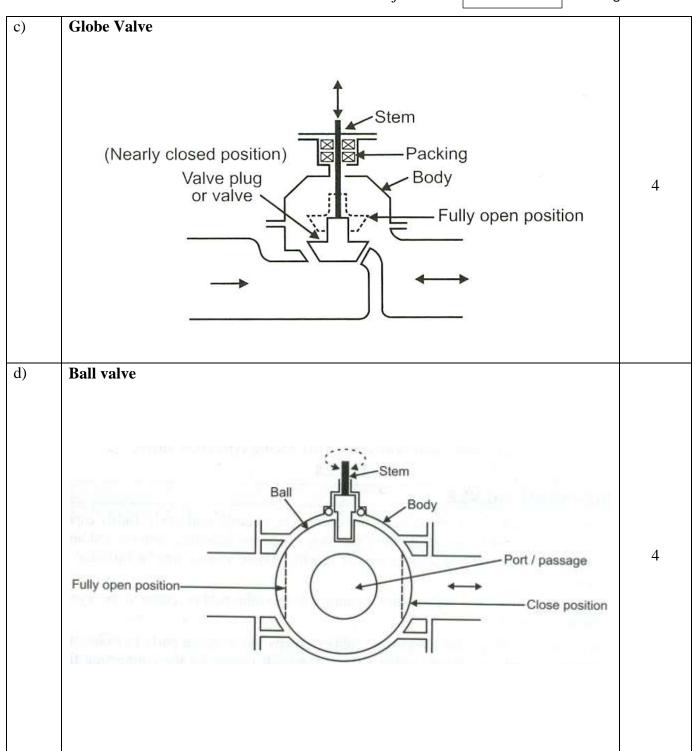
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## SUMMER-2017 EXAMINATION Model Answer

Subject code:

17647

Page **12** of **19** 





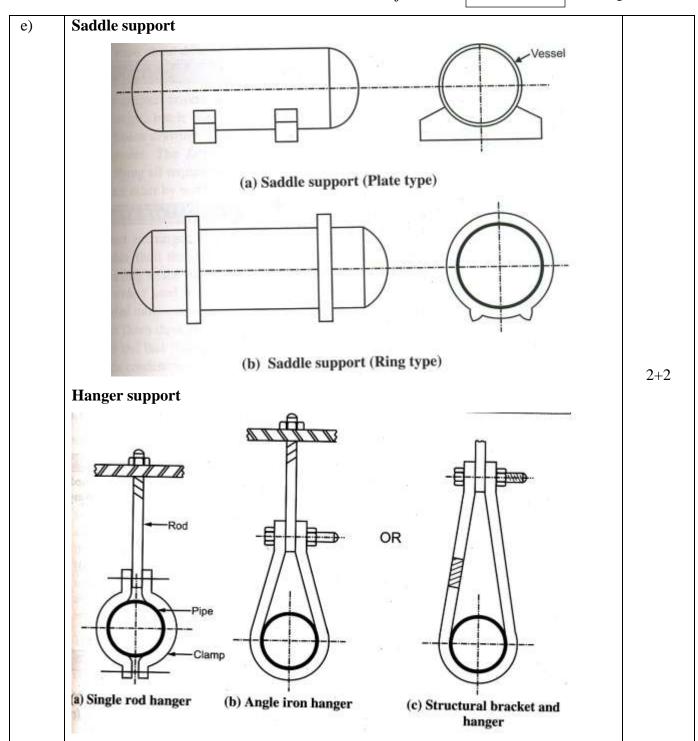
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## SUMMER-2017 EXAMINATION Model Answer

Subject code:

17647

Page **13** of **19** 





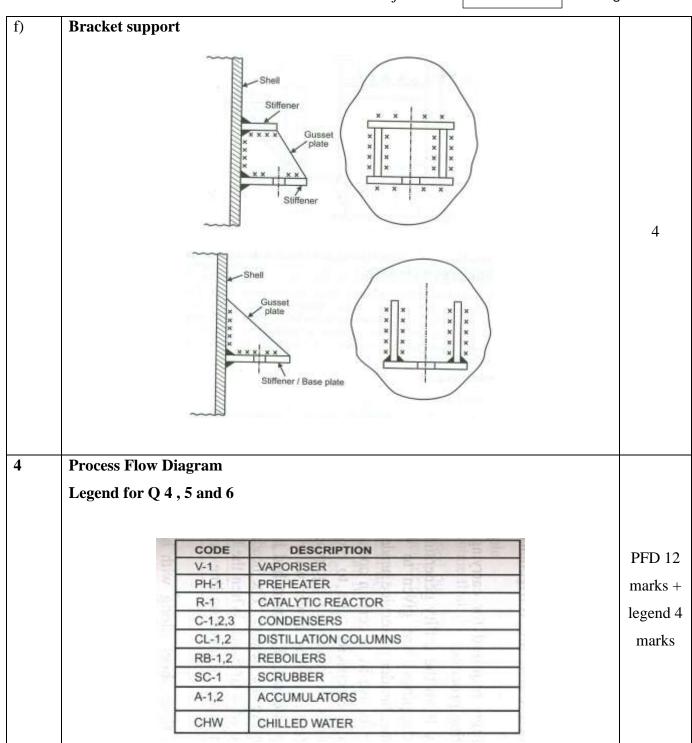
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## SUMMER-2017 EXAMINATION Model Answer

Subject code:

17647

Page **14** of **19** 





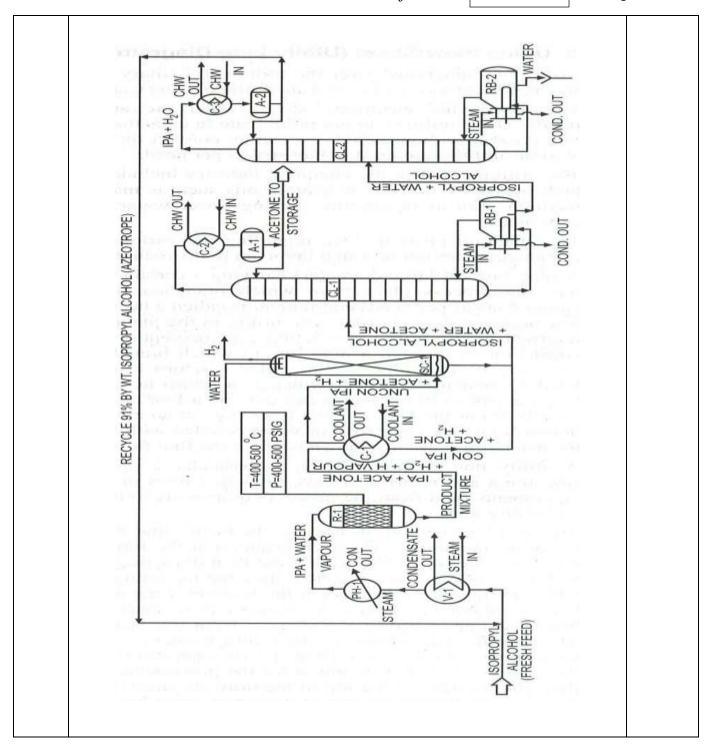
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## SUMMER-2017 EXAMINATION Model Answer

Subject code:

17647

Page **15** of **19** 





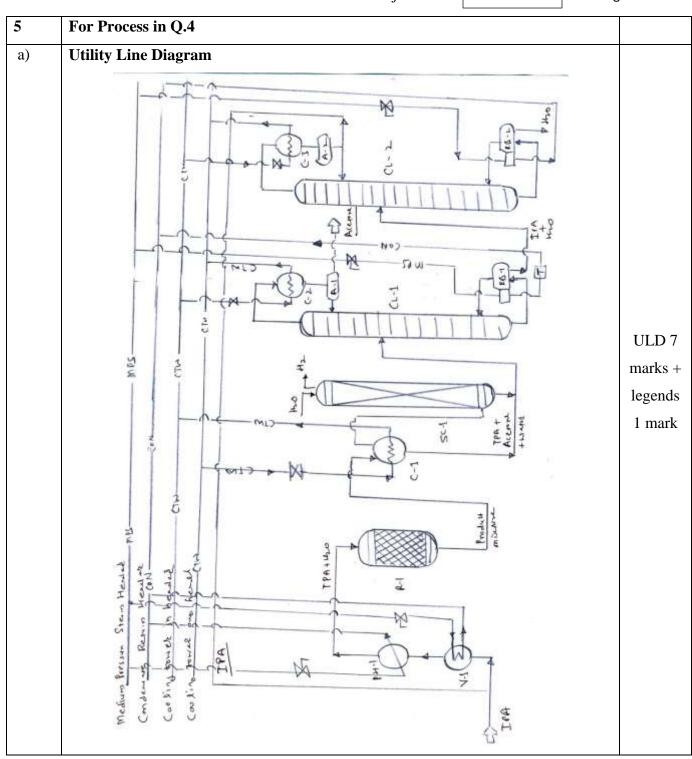
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# SUMMER-2017 EXAMINATION <u>Model Answer</u>

Subject code:

17647

Page **16** of **19** 





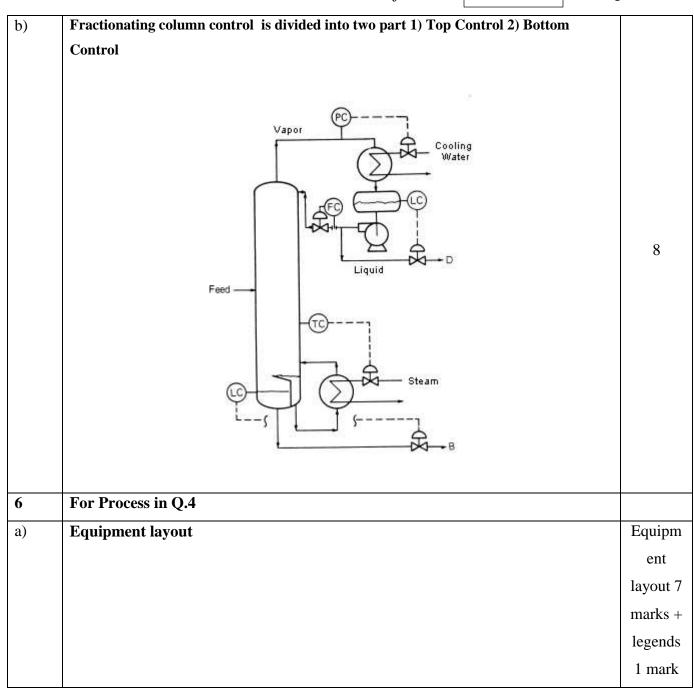
(Autonomous) (ISO/IEC - 27001 - 2005 Certified)

## SUMMER-2017 EXAMINATION Model Answer

Subject code:

17647

Page **17** of **19** 





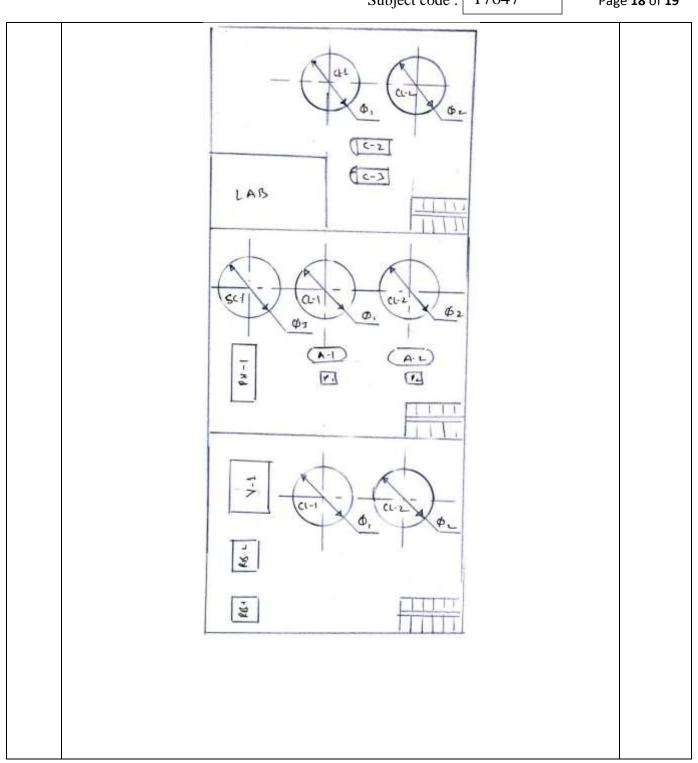
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# SUMMER-2017 EXAMINATION <u>Model Answer</u>

Subject code:

17647

Page **18** of **19** 



(Autonomous) (ISO/IEC - 27001 - 2005 Certified)

## SUMMER-2017 EXAMINATION Model Answer

Subject code:

17647

Page **19** of **19** 

