Full Marks: 70

CS/B.Tech/CE/EE/CSE/IT/ECE/EIE/EEE/ICE/PWE/CHE/BME/FT/CT/LT/Even/Sem-6th/HU-601/2015



WEST BENGAL UNIVERSITY OF TECHNOLOGY

HU-601

PRINCIPLE OF MANAGEMENT

The questions are of equal value.
The figures in the margin indicate full marks.
Candidates are required to give their answers in their own words as far as practicable

Time Allotted: 3 Hours

GROUP A (Multiple Choice Type Questions)

All symbols are of usual significance.

	Answer any ten questions.		10×1= 10
(i)	Upward and downward flow of me	essages constitute	
	(A) diagonal communication	(B) written communication	
	(C) vertical communication	(D) horizontal communication	
(ri)	Leadership is the process of		
	(A) influencing the customers	(19) influencing the group members	
	(C) influencing the competitors	(D) influencing the creditors	
(iii)	When authority flows from top known as	executive to lower level employees, it is	5
	(A) Line Organisation	(B) Staff Organisation	
	(C) Project Organisation	(D) Matrix Organisation	
(iv)	Narrow span of management leads	s to	
	(A) Flat Structure	(B) Mechanistic Structure	
	(C) Tall Structure	(D) Organise Structure	
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(V)	Debt-Equity ratio indicates									
	(A) The proportion of debt with re	spect to equity								
	(B) The proportion of debt with respect to total capital employed									
	(C) The proportion of equity with respect to total assets									
	(D) None of these									
$\{\nabla^{\frac{1}{2}}\}$	In Quality Circle									
3	(A) Only Top Management is invo	olved								
-	(B) Only Steering Committee men	nbers are involved								
	(C) Both (A) and (B) are involved									
	(D) Neither (A) nor (B) is involve	d								
(vii)	Which one of the following is not	an informational role of manager?								
	(A) leader	(B) monitor								
	(C) disseminator	(D) spokesperson								
(14c)	Offers creativ	vity and innovation to an organization								
	(A) Human resource	(B) Time								
-	(C) Money	(D) Information								
(in)	All management activities are mefficiency	easured against to arrive at								
	(A) money	(B) information								
	(C) man	(D) time								
(x)	Pfizer, a pharmaceutical company, operates in over 40 countries around the world, and many of the larger-country units enjoy considerable freedom and autonomy. Thus, it can be said that Pfizer exemplifies a(n) mode of decision making									
	(A) centralized	_ℓB) decentralized								
	(C) asymmetric	(D) none of the above								
(xi)	Six Sigma is used									
	(A) as a metric	(B) as a methodology								
	(C) as a management system	(D) all of these								
(xii)) Which one of the following is not a step for DMADV?									
	(A) Define	(B) Implement								
	(C) Measure	(D) Design								
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GROUP B (Short Answer Type Questions)

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Year	2006	2007	2008	2009	2010	2011	2012	2013		
Sales('000 units)	5	8	13	11	15	18	17	21		
Butest ood dillia)			10			- 10	1			
A company operatir	ıg 50 w	eeks in	a year	is conc	erned a	bout it	stock o	f copper		
table. This cost is Rs. 240 per meter and there is a demand for 8000 meters.										
week. Each repleni										
delivery, while hole				ed at 2:	5% of	the val	lue held	la year		
Assuming no shorta	_		d, find							
(i) Optimal C		-	_							
(ii) Total Vari			/ Cost							
(iii) Total Inve	intory C	Ost								
Write down the five	Write down the five steps involved in Monte-Carle method of Simulation.									
What is SWOT Analysis?										
	-									
Discuss the signific	Discuss the significance of Statistical Quality Control.									
			GROU	РC						
	(Lo		wer Ty		estions))				
Answer any three q	uestion	5.							3×15	
	<u>Year</u>	Exp	enditur	e (Rs. i	n Crore	s)				
	2009			20						
	2010			30						
	2011			35						
	2012			45			٠			
	2013			60						

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8 (a) Briefly discuss the main techniques of performance appraisal.	8.81
(b) What are the different schools of Management thought?	5
9. (a) What do you mean by business forecasting? What are the 3 distinct levels of modeling assumptions?	5
23 11 in the Annual of Output Marked find the estimate of the following	16

(b) Using either Income or Output Method, find the estimate of the following from the given data table:-

Items	Rs. (Lacs)
Sales	9,000
Increase in stock	5,000
Cost of Raw Materials	1,700
Rent	1,500
Interest	900
Wages	700
Profit	500
Mixed Income	400
Depreciation	2,100
Net indirect taxes	600
Net factor income from abroad	(250)

The following table gives the aptitude test scores and productivity indices of 10 workers selected at random:

Aptitude Scores									65	
Productivity Index	68	60	62	80	85	40	52	62	60	81

- (i) Estimate the productivity index of the worker whose test score is 92.
- (ii) Estimate the test score of the worker whose productivity index is 75
- 11. Write short notes on any three of the following:

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- (a) Decision making tools
- (b) Production and Productivity
- (c) Total Quality Management
- (d) Economic Order Quantity
- (c) Corporate Social Responsibility.

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Jum Chier

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