## Diploma 6th Semester Examination, 2020

Subject Code: 601  Time: 3 Hours  Pass Marks:26  Answer five questions in which Question No. 1 is compulsory.  Each question carry equal marks.  1. Fill in the blanks/ Choose the correct answer:  (i) An individual who starts, creates and manages a new business can be called  (a) a leader (b) a manager  (c) a professional (d) an entrepreneur  (ii) Which of the following is not a statutory welfare facility under the Factories Act, 1948?  (a) Creche (b) Canteen  (c) Transport (d) First-Aid Boxes  (iii) The following is not a type of organisation structure:  (a) Line organisation (b) Functional organisation  (c) Line and Staff organisation (d) Flexible organisation  (iv) The following is used to transport materials having flat bottoms:  (a) Belt conveyor (b) Roller conveyor  (c) Chain conveyor (d) None of these  (v) A is based on a film analysis.  (a) SIMO chart (b) Flow process chart  (c) String diagram (d) Operation flow chart  (vi) Work study is also recognised as  (a) Time study (b) Motion study  (c) Both (a) and (b) (d) None of these  (vii) Productivity can be increased by  (a) increasing the output from the same input  (b) reducing the input for the same output  (c) Both (a) and (b) (d) None of the above  (viii) Responsibility always flows from  (a) superior to subordinate (b) subordinate to superior		Subject: Industrial Engineering & Management					
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2.	(a)	What is productivity? How does it differ from production?	8
	(b)	Explain various types of production.	8
3.	(a)	Define quality control. Explain the needs of quality control in industry.	8
		Explain six sigma principle of quality control.	8
4.	(a)	Explain Fayol's 14 Principles of Management.	8
	(b)	What is Decision Making? Explain various steps in Decision Making.	8
5.	(a)	Define Motivation. What is the importance of motivation?	8
	(b)	Explain Maslow's hierarchy of needs.	8
6.	(a)	What is Working Capital? What are the sources of Working Capitals?	8
	(b)	Define Budget. What are the characteristics of Budget?	8
7.	(a)	What do you understand by entrepreneurship? Explain its need under present employmand economic condition in the country.	nent 8
	(b)	What is Small Scale Industries (SSI)? What are the steps in setting up a small scale industrier enterprise?	trial 8
8.	(a)	Explain various types of plant layout?	8
	(b)	What is ABC analysis of inventory control? Describe it in detail.	8