

NADAR SARASWATHI COLLEGE OF ENGINEERING AND TECHNOLOGY, THENI.

Course/Branch : B.E./EEE	Year / Semester : IV / VII	Format No.	NAC/TLP-07a.13
Subject Code : OML751	Subject Name : Testing of Materials	Rev. No.	02
Unit No : I	Unit Name : Introduction to Material Testing	Date	30.09.2020

OBJECTIVE TYPE QUESTION BANK

S. No.	Objective Questions (MCQ / True or False / Fill up with Choices)	BTL
1	A Schedule is satisfactory when: A) Capacity is consistent with the production Plan B) Capacity is greater than the production plan C) It doesn't specify to the plant when to start production D) It doesn't specify to the plant when to stop production	L1
2	_____ and _____ are costs that increase or decrease with the quantity sold. A) Indirect labor, indirect material B) Indirect labor, direct material C) Direct labor, indirect material D) Direct labor, direct material	L1
3	_____ is the capability of manufacturing to produce goods and services. A) Priority B) Planning C) Control D) Capacity	L1
4	A _____ Strategy means producing the amounts demanded at any given time. A) Production leveling B) Subcontracting C) TQM D) Chase	L2
5	Which is not a part of 5R's of buying ? A) Right source B) Right Quantity C) Right Quality D) None of the above	L2
6	Business cycle, price trends, National Economy are A) Micro Factors B) Controllable Factors C) Macro Factors D) None of the above	L1
7	The first activity of purchasing cycle is A) Recognizing the need for procurement B) Source selection and development C) Communicating requirement to the purchase D) Inspection of goods	L1
8	_____ are the basic materials which have not undergone any conversion since their receipt from suppliers. A) Finished Parts B) WIP C) Work Made Parts D) Raw Materials	L2

NADAR SARASWATHI COLLEGE OF ENGINEERING AND TECHNOLOGY, THENI.

Course/Branch : B.E./EEE	Year / Semester : IV / VII	Format No.	NAC/TLP-07a.13
Subject Code : OML751	Subject Name : Testing of Materials	Rev. No.	02
Unit No : I	Unit Name : Introduction to Material Testing	Date	30.09.2020

OBJECTIVE TYPE QUESTION BANK

9	<p>All portions of the material production from _____ to _____ are considered to be a linked chain under the supply chain concept.</p> <p>A) Raw material, final customer B) Work in process, raw material C) Work in process, final customer D) Raw material, Work in Process</p>	L2
10	<p>Materials management is a coordinating function responsible for planning and controlling materials flow. Its objectives is/are:</p> <p>A) Maximize the use of the firm's resources B) Provide the required level of customer services C) Both of the above D) Neither of the above</p>	L2
11	<p>Inventory not only makes up a portion of the cost of goods sold but has to be purchased at the beginning of production to be processed into finished goods. This type of inventory is Called _____.</p> <p>A) Finished goods B) Raw materials C) Work in process D) None of the above</p>	L2
12	<p>_____ Must satisfy the demands of the marketplace. It does so by using plants, machinery, equipment, labour, and materials as efficiently as possible.</p> <p>A) Production B) Marketing C) Finance D) Engineering</p>	L2
13	<p>_____ is the first step in a manufacturing planning and control system.</p> <p>A) Maintaining the planned backlog B) Maintaining the required inventory levels C) Achieving the forecast D) Production planning</p>	L2
14	<p>Critical resources in rough cut capacity planning include:</p> <p>A) Bottle neck operations B) Labor C) Critical materials D) All of the above</p>	L2
15	<p>In the _____ environment, many end items can be made from combinations of basic components and subassemblies.</p> <p>A) assembly to order B) make to stock C) make to order D) engineer to order</p>	L2
16	<p>Since _____ demand is not related to the demand for any other assemblies or products, it must be _____.</p> <p>A) independent, calculated B) dependent, forecast C) independent, forecast D) dependent, calculated</p>	L1

NADAR SARASWATHI COLLEGE OF ENGINEERING AND TECHNOLOGY, THENI.

Course/Branch : B.E./EEE	Year / Semester : IV / VII	Format No.	NAC/TLP-07a.13
Subject Code : OML751	Subject Name : Testing of Materials	Rev. No.	02
Unit No : I	Unit Name : Introduction to Material Testing	Date	30.09.2020

OBJECTIVE TYPE QUESTION BANK

17	Which of the following impurity in cast iron makes it hard and brittle? A) Silicon B) Sulphur C) Manganese D) Phosphorus	L2
18	Tensile strength of steel can be safely increased by A) Adding carbon upto 2.8% B) Adding carbon upto 6.3% C) Adding carbon upto 0.83% D) Adding small quantities of copper	L2
19	Cemented carbide tools are not found to be suitable for cutting A) Brass B) Cast iron C) Aluminium D) Steel	L2
20	Y-alloy contains A) 3.5 to 4.5% copper, 0.4 to 0.7% magnesium, 0.4 to 0.7% manganese and rest aluminium B) 3.5 to 4.5% copper, 1.2 to 1.7% manganese, 1.8 to 2.3% nickel, 0.6% each of silicon, magnesium and iron, and rest aluminium C) 4 to 4.5% magnesium, 3 to 4% copper and rest aluminium D) 5 to 6% tin, 2 to 3% copper and rest aluminium	L2
21	According to Indian standard specifications, SG 400/15 means A) Spheroidal graphite cast iron with B.H.N. 400 and minimum tensile strength 15 Mpa B) Spheroidal graphite cast iron with minimum tensile strength 400 Mpa and 15 percent elongation C) Spheroidal graphite cast iron with minimum compressive strength 400 Mpa and 15 percent reduction in area D) None of the above	L2
22	Pick up the wrong statement Nickel and Chromium in steel help in A) Providing Corrosion resistance B) Improving machining properties C) Providing high strength at elevated temperatures D) Raising the elastic limit	L2
23	Steel Contains A) 80% or more iron B) 50% or more iron C) Alloying elements like Chromium, tungsten nickel and copper D) Elements like phosphorus, sulphur and silicon in varying quantities	L2
24	Young's modulus is defined as the ratio of A) Volumetric stress and volumetric strain B) Lateral stress and lateral strain C) Longitudinal stress and longitudinal strain D) Shear stress to shear strain	L1
25	If a part is constrained to move and heated, it will develop A) Principal stress B) Tensile stress C) Compressive stress D) Shear stress	L1

NADAR SARASWATHI COLLEGE OF ENGINEERING AND TECHNOLOGY, THENI.

Course/Branch : B.E./EEE	Year / Semester : IV / VII	Format No.	NAC/TLP-07a.13
Subject Code : OML751	Subject Name : Testing of Materials	Rev. No.	02
Unit No : I	Unit Name : Introduction to Material Testing	Date	30.09.2020

OBJECTIVE TYPE QUESTION BANK

26	The property of a material by virtue of which it can be beaten or rolled into plates is called A) Malleability B) Ductility C) Plasticity D) Elasticity	L1
----	---	----

