

Unit 3 - Week 1

Course outline
How does an NPTEL online course work?
Week 0
Week 1
<ul style="list-style-type: none"> ● Introduction ● Birth and Growth of a Product ○ Quiz : Assignment 1
○ Functional and Conceptual Design : Week 1 Feedback Form
○ Lecture Materials
Week 2
Week 3
Week 4
Week 5
Week 6
Week 7
Week 8
Week 9
Week 10
Week 11
Week 12
Download Videos
Text Transcripts

Assignment 1

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

Due on 2020-09-30, 23:59 IST.

- 1) The origin of a product arises from its _____ requirements 1 point
- Form
 Functional
 Design
 Aesthetic
- No, the answer is incorrect.**
Score: 0
Accepted Answers: *Functional*
- 2) What are the two important factors for product design 1 point
- Function and form
 Requirements and form
 Function and production value
 Cost and form
 Materials and function
- No, the answer is incorrect.**
Score: 0
Accepted Answers: *Function and form*
- 3) Which of the following product design remains same from last few decades 1 point
- Phone
 Printer
 Safety Pin
 Bottle
 Chair
- No, the answer is incorrect.**
Score: 0
Accepted Answers: *Safety Pin*
- 4) The acceptance of a product by society majorly depends on its 1 point
- Engineering design
 Industrial design
 Conceptual design
 External Design
- No, the answer is incorrect.**
Score: 0
Accepted Answers: *Industrial design*
- 5) What are the methods by which a new product comes into the market 1 point
- Synthetic method
 Creative method
 Analytic method
 Functional method
- No, the answer is incorrect.**
Score: 0
Accepted Answers: *Synthetic method*
Analytic method
- 6) Engineering Design is a _____ process 1 point
- Unstructured
 Random
 Structured
 Partially Structured
- No, the answer is incorrect.**
Score: 0
Accepted Answers: *Structured*
- 7) Form of the product depends on 1 point
- Material
 Technology
 Shape
 Geometry
 Appearance
 Cost
- No, the answer is incorrect.**
Score: 0
Accepted Answers: *Material*
Shape
Geometry
Appearance
- 8) Value of the product depends mainly on 1 point
- Technology of use
 Production capability
 Acceptance by the customer
 Cost
- No, the answer is incorrect.**
Score: 0
Accepted Answers: *Acceptance by the customer*
- 9) First design of camera is _____ and the product designed by _____ 1 point
- Camera Obscura and Da Vinci
 Camera Obscura and Joseph Niepce
 Camera Codex and Da Vinci
 Camera Atlantic and Joseph Niepce
- No, the answer is incorrect.**
Score: 0
Accepted Answers: *Camera Obscura and Joseph Niepce*
- 10) In Roman times, a _____ would whiten clothing by stomping on it in a bucket full of fermented urine 1 point
- Cleaner
 Trimper
 Flicker
 Fuller
 Machiner
- No, the answer is incorrect.**
Score: 0
Accepted Answers: *Fuller*
- 11) The desires of contemporary society can be met by the process of 1 point
- Conventional Engineering Design
 Creative Engineering Design
 Conceptual Engineering Design
 Structured Engineering Design
- No, the answer is incorrect.**
Score: 0
Accepted Answers: *Creative Engineering Design*
- 12) Product form changes based on the requirements of the 1 point
- Factory
 Technical developments
 Society
 Manufacturers
- No, the answer is incorrect.**
Score: 0
Accepted Answers: *Society*
- 13) Customer complaints regarding product design shortcomings will help the manufacturer/product designer with 1 point
- Death of product
 Developmental change of product
 Supply reduction
 None of the above
- No, the answer is incorrect.**
Score: 0
Accepted Answers: *Developmental change of product*
- 14) Identify whether the following is a product of synthetic method or analytic method 1 point
- i. Electric car
ii. Laptop
iii. Safety pin
iv. Smart printer
- Synthetic, Synthetic, Analytic, Analytic
 Synthetic, Synthetic, Analytic, Synthetic
 Analytic, Analytic, Synthetic, Synthetic
 Synthetic, Synthetic, Synthetic, Synthetic
- No, the answer is incorrect.**
Score: 0
Accepted Answers: *Synthetic, Synthetic, Analytic, Synthetic*
- 15) The problem of size and high cost of the first patented Kodak camera led to the development of 1 point
- Fuji DS-200F
 Leica camera
 Kodak 2-A Folding Autographic Brownie
 Kodak Super Six-2
- No, the answer is incorrect.**
Score: 0
Accepted Answers: *Kodak 2-A Folding Autographic Brownie*