

**Code No: 58019**

**Set No. 1**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**IV B.Tech. II Sem., II Mid-Term Examinations, April-2014**

**PLANT LAYOUT AND MATERIAL HANDLING**

**Objective Exam**

**Name: \_\_\_\_\_ Hall Ticket No.**

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**Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 10.**

**I. Choose the correct alternative:**

1. The material handling equipments can be classified in how many categories? [      ]  
a) 1                      b) 2                      c) 3                      d) 4
2. Roller conveyor comes under [      ]  
a) Fixed path              b) Varied path              c) Both a and b              d) None
3. Tractors comes under [      ]  
a) Varied path              b) Fixed path              c) Both a and b              d) None
4. Which are the gravity or powered equipment in material handling [      ]  
a) Hoisting              b) Conveyors              c) Industrial              d) All
5. Which factor determines importance of material handling [      ]  
a) Value of materials              b) Size of product              c) Nature of the process              d) All
6. Which is the auxiliary equipment [      ]  
a) Pallets              b) containers              c) lift truck              d) All the above
7. Which is the bulk material handling equipment [      ]  
a) Conveyor belts              b) Hoppers              c) Grain elevators              d) All the above
8. Jib crane comes under [      ]  
a) Fixed path              b) Varied path              c) Auxiliary path              d) None
9. Conveyors comes under [      ]  
a) Fixed path              b) Varied path              c) Auxiliary path              d) None
10. The total time required to make a product from the receipt of raw materials to the finished goods is known as [      ]  
a) Cycle time              b) product time              c) productivity              d) None

**Cont.....2**

**II. Fill in the Blanks:**

11. The optimal shape and size of the bulk of material which will retain its original shape and size even after unloading is called as \_\_\_\_\_.
12. Material handling equipment is used to increase \_\_\_\_\_.
13. Bulk material-handling equipment is used to \_\_\_\_\_ and \_\_\_\_\_ bulk materials
14. Forklift trucks are the most common example of \_\_\_\_\_.
15. Equipment used to move material from one location to another location is known as \_\_\_\_\_
16. \_\_\_\_\_ is the art and science involving the moving, packaging and storing of substances in any form.
17. The important objective of materials handling is \_\_\_\_\_
18. The foremost importance of materials handling is that it helps \_\_\_\_\_ and thereby increases \_\_\_\_\_ of an industry.
19. Processing, mining and construction industries are commonly uses \_\_\_\_\_ handling equipments.
20. \_\_\_\_\_ is the movement and storage of materials at the lowest possible cost through the use of proper methods and equipment.

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**Set No. 2**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**IV B.Tech. II Sem., II Mid-Term Examinations, April-2014**

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**Objective Exam**

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**Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 10.**

**I. Choose the correct alternative:**

1. Which are the gravity or powered equipment in material handling [      ]  
a) Hoisting                      b) Conveyors                      c) Industrial                      d) All
2. Which factor determines importance of material handling [      ]  
a) Value of materials                      b) Size of product                      c) Nature of the process                      d) All
3. Which is the auxiliary equipment [      ]  
a) Pallets                      b) containers                      c) lift truck                      d) All the above
4. Which is the bulk material handling equipment [      ]  
a) Conveyor belts                      b) Hoppers                      c) Grain elevators                      d) All the above
5. Jib crane comes under [      ]  
a) Fixed path                      b) Varied path                      c) Auxiliary path                      d) None
6. Conveyors comes under [      ]  
a) Fixed path                      b) Varied path                      c) Auxiliary path                      d) None
7. The total time required to make a product from the receipt of raw materials to the finished goods is known as [      ]  
a) Cycle time                      b) product time                      c) productivity                      d) None
8. The material handling equipments can be classified in how many categories? [      ]  
a) 1                      b) 2                      c) 3                      d) 4
9. Roller conveyor comes under [      ]  
a) Fixed path                      b) Varied path                      c) Both a and b                      d) None
10. Tractors comes under [      ]  
a) Varied path                      b) Fixed path                      c) Both a and b                      d) None

**Cont.....2**

**II. Fill in the Blanks:**

11. Forklift trucks are the most common example of \_\_\_\_\_.
12. Equipment used to move material from one location to another location is known as \_\_\_\_\_
13. \_\_\_\_\_ is the art and science involving the moving, packaging and storing of substances in any form.
14. The important objective of materials handling is \_\_\_\_\_
15. The foremost importance of materials handling is that it helps \_\_\_\_\_ and thereby increases \_\_\_\_\_ of an industry.
16. Processing, mining and construction industries are commonly uses \_\_\_\_\_ handling equipments.
17. \_\_\_\_\_ is the movement and storage of materials at the lowest possible cost through the use of proper methods and equipment.
18. The optimal shape and size of the bulk of material which will retain its original shape and size even after unloading is called as \_\_\_\_\_.
19. Material handling equipment is used to increase \_\_\_\_\_.
20. Bulk material-handling equipment is used to \_\_\_\_\_ and \_\_\_\_\_ bulk materials

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**Set No. 3**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**IV B.Tech. II Sem., II Mid-Term Examinations, April-2014**

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**Objective Exam**

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**Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 10.**

**I. Choose the correct alternative:**

1. Which is the auxiliary equipment [      ]  
a) Pallets      b) containers      c) lift truck      d) All the above
2. Which is the bulk material handling equipment [      ]  
a) Conveyor belts      b) Hoppers      c) Grain elevators      d) All the above
3. Jib crane comes under [      ]  
a) Fixed path      b) Varied path      c) Auxiliary path      d) None
4. Conveyors comes under [      ]  
a) Fixed path      b) Varied path      c) Auxiliary path      d) None
5. The total time required to make a product from the receipt of raw materials to the finished goods is known as [      ]  
a) Cycle time      b) product time      c) productivity      d) None
6. The material handling equipments can be classified in how many categories? [      ]  
a) 1      b) 2      c) 3      d) 4
7. Roller conveyor comes under [      ]  
a) Fixed path      b) Varied path      c) Both a and b      d) None
8. Tractors comes under [      ]  
a) Varied path      b) Fixed path      c) Both a and b      d) None
9. Which are the gravity or powered equipment in material handling [      ]  
a) Hoisting      b) Conveyors      c) Industrial      d) All
10. Which factor determines importance of material handling [      ]  
a) Value of materials      b) Size of product      c) Nature of the process      d) All

**Cont.....2**

**II. Fill in the Blanks:**

11. \_\_\_\_\_ is the art and science involving the moving, packaging and storing of substances in any form.
12. The important objective of materials handling is \_\_\_\_\_
13. The foremost importance of materials handling is that it helps \_\_\_\_\_ and thereby increases \_\_\_\_\_ of an industry.
14. Processing, mining and construction industries are commonly uses \_\_\_\_\_ handling equipments.
15. \_\_\_\_\_ is the movement and storage of materials at the lowest possible cost through the use of proper methods and equipment.
16. The optimal shape and size of the bulk of material which will retain its original shape and size even after unloading is called as \_\_\_\_\_.
17. Material handling equipment is used to increase \_\_\_\_\_.
18. Bulk material-handling equipment is used to \_\_\_\_\_ and \_\_\_\_\_ bulk materials
19. Forklift trucks are the most common example of \_\_\_\_\_.
20. Equipment used to move material from one location to another location is known as \_\_\_\_\_

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**Set No. 4**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**IV B.Tech. II Sem., II Mid-Term Examinations, April-2014**

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**Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 10.**

**I. Choose the correct alternative:**

1. Jib crane comes under [      ]  
a) Fixed path                      b) Varied path                      c) Auxiliary path                      d) None
2. Conveyors comes under [      ]  
a) Fixed path                      b) Varied path                      c) Auxiliary path                      d) None
3. The total time required to make a product from the receipt of raw materials to the finished goods is known as [      ]  
a) Cycle time                      b) product time                      c) productivity                      d) None
4. The material handling equipments can be classified in how many categories? [      ]  
a) 1                                      b) 2                                      c) 3                                      d) 4
5. Roller conveyor comes under [      ]  
a) Fixed path                      b) Varied path                      c) Both a and b                      d) None
6. Tractors comes under [      ]  
a) Varied path                      b) Fixed path                      c) Both a and b                      d) None
7. Which are the gravity or powered equipment in material handling [      ]  
a) Hoisting                      b) Conveyors                      c) Industrial                      d) All
8. Which factor determines importance of material handling [      ]  
a) Value of materials                      b) Size of product                      c) Nature of the process                      d) All
9. Which is the auxiliary equipment [      ]  
a) Pallets                      b) containers                      c) lift truck                      d) All the above
10. Which is the bulk material handling equipment [      ]  
a) Conveyor belts                      b) Hoppers                      c) Grain elevators                      d) All the above

**Cont.....2**

**II. Fill in the Blanks:**

11. The foremost importance of materials handling is that it helps \_\_\_\_\_ and thereby increases \_\_\_\_\_ of an industry.
12. Processing, mining and construction industries are commonly uses \_\_\_\_\_ handling equipments.
13. \_\_\_\_\_ is the movement and storage of materials at the lowest possible cost through the use of proper methods and equipment.
14. The optimal shape and size of the bulk of material which will retain its original shape and size even after unloading is called as \_\_\_\_\_.
15. Material handling equipment is used to increase \_\_\_\_\_.
16. Bulk material-handling equipment is used to \_\_\_\_\_ and \_\_\_\_\_ bulk materials
17. Forklift trucks are the most common example of \_\_\_\_\_.
18. Equipment used to move material from one location to another location is known as \_\_\_\_\_
19. \_\_\_\_\_ is the art and science involving the moving, packaging and storing of substances in any form.
20. The important objective of materials handling is \_\_\_\_\_