**Subject : Construction Management Topic : Unit II**

**1-Work study consists of**

1. Effective use of plant and equipment
2. Effective use of human effort
3. Evaluation of human work
4. All of the above

(Ans: d)

**2-Work study examines**

1. method
2. duration of work
3. both ‘a’ and ‘b’
4. None of the above

(Ans: c)

**3-Work study is also recognised as**

1. Time study
2. Motion study
3. both ‘a’ and ‘b’
4. None of the above

(Ans: c)

**4-The correct order of procedure in method study is**

1. Select – Record – Examine – Develop – Define – Install – Maintain
2. Select – Define – Examine – Develop – Record – Install – Maintain
3. Select – Record – Develop – Examine – Define – Install – Maintain
4. Select – Record – Examine – Define – Develop – Install – Maintain

(Ans: a)

**5-The following factor(s) must be considered while selecting the work for method study**

1. Economic considerations
2. Technical considerations
3. Human reactions
4. All of the above

(Ans: d)

**6-In process charts, the symbol used for storage is**

1. Circle
2. Square
3. Arrow
4. Triangle

(Ans: d)

**7-In process charts, the symbol used for inspection is**

1. Circle
2. Square
3. Arrow
4. Triangle

(Ans: b)

**8-Delay occurs when**

1. someone stops the process
2. product wait for next event (operation)
3. both ‘a’ and ‘b’
4. None of the above

(Ans: c)

**9-A milk powder tin is being weighed as it is filled is an example of**

1. Operation cum transportation
2. Operation cum inspection
3. Transportation cum inspection
4. None of the above

**10-In outline process chart, the horizontal lines represents**

1. general flow of process
2. materials being introduced
3. both ‘a’ and ‘b’
4. None of the above

(Ans: b)

**11-The outline (operation) process chart, the following symbols are used**

1. operation and inspection
2. operation and transportation
3. inspection and transportation
4. operation and storage

(Ans: a)

**12-The following is (are) the type(s) of flow process chart**

1. **Man type**
2. **Material type**
3. **Equipment type**

**The correct answer is**

1. only i
2. i & ii
3. ii & iii
4. All of the above

(Ans: d)

1. **13-Two hand process chart is commonly used for** repetitive operations
2. short operations
3. both ‘a’ and ‘b’
4. none of the above

(Ans: c)

**14-The following chart(s) record the movements**

1. operation process chart
2. flow process chart
3. both ‘a’ and ‘b’
4. None of the above

(Ans: b)

**15-Which of the following is a scale plan?**

1. String diagram
2. Flow process chart
3. Operation process chart
4. All of the above

(Ans: a)

|  |  |
| --- | --- |
| 16 | 16) A construction schedule is prepared after collecting |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | number of operations | | [**B.**](javascript:%20void%200;) | output of labour | | [**C.**](javascript:%20void%200;) | output of machinery | | [**D.**](javascript:%20void%200;) | quantity of various items | | [**E.**](javascript:%20void%200;) | all the above. |   **Answer:** Option **E**  17.**In terms of project management scheduling, what does WBS stand for?**   * Work breakdown set * Work break schedule * Work breakdown schedule * Work breakdown structure   **Ans (d)**  In which of the following project phases is the project schedule developed?  1. Conceptual  2. Planning  3. Implementation  4. Design  Answer: B  (4)To crash a  In which of the following project phases is the project schedule developed?  1. Conceptual  2. Planning  3. Implementation  4. Design  Answer: B  (4)To crash a  In which of the following project phases is the project schedule developed?  1. Conceptual  2. Planning  3. Implementation  4. Design  Answer: B  (4)To crash a  **18-The entire process of a project may be considered to be made up on number of sub process placed in different stage called the**  (A) Technical key resources  (B) Work key structure  (C) Work Breakdown Structure (WBS).  (D) None of the above  **Ans (c)**  19. Select the correct sentence / sentences regarding uses of Scheduling  a) **It gives the Quantity of work involved , labour , materials and equipment for each stage**  **b) The actual progress of the work can be checked**  **c) The project can be carried out in a systematic manner using scheduling**  d**)** It helps in Building permission  20. Which of the following are methods of Scheduling  a) **Critcal Path Method**  b) Project Evaluator and Review Technology  c) **Line of Balance**  d**) Gantt Charts**  21. Select the appropriate application/ns of Line of Balance Method  a**) High Rise Buildings**  **b) Tunnel projects**  **c) Mass Housing Developments**  **d) Road projects**  22.Line of Balance is a planning technique for  a)Constant work  **b) Repetitive work**  c) Gradual work  d) All of the above  23.The process of splitting the project into easily identifiable major systems, their sub systems and discrete activities is called the  a) Work breakdown system  b) **Work breakdown system**  c) Material Flow system  d) Work Splitting system  24.Select the appropriate type/s of Scheduling  a) **Material Scheduling**  **b) Labour Scheduling**  **c) Equipment Scheduling**  **d) Financial Scheduling**  25. **Time study refers to**  **(A) Developing a standard time to do a particular task**  (B) Improving work methods  (C) Value analysis  (D) Value engineering  **26 Benefits provided for temporary and permanent disability disfigurement, medical expenses and medical rehabilitation is referred to as**  (A) Fringe benefits  (B) Financial incentives  **(C) Workers’ compensation**  (D) None of the above  In which of the following project phases is the project schedule developed?  1. Conceptual  2. Planning  3. Implementation  4. Design  Answer: B  (4)To crash a |

**27. Match the following:**

|  |  |
| --- | --- |
| **List – I** | **List – II** |
| (i) Indian Trade Union Act | (a) 1923 |
| (ii) Industrial Dispute Act | (b) 1926 |
| (iii) The Workmen’s Compensation Act | (c) 1948 |
| (iv) The Employees’ State Insurance Act | (d) 1947 |

**Codes:**

       (i) (ii) (iii) (iv)

**(A) (b) (d) (a) (c)**

(B) (b) (c) (d) (a)

(C) (b) (d) (c) (a)

(D) (a) (c) (b) (d)