

# National Testing Agency

<b>Question Paper Name :</b>	Building Cost Estimation Simplified 26th March 2021 Shift 2
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## Building Cost Estimation Simplified

<b>Group Number :</b>	1
<b>Group Id :</b>	512452194
<b>Group Maximum Duration :</b>	0
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<b>Show Attended Group? :</b>	No
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<b>Break time :</b>	0
<b>Group Marks :</b>	100
<b>Is this Group for Examiner? :</b>	No

## Building Cost Estimation Simplified-1

<b>Section Id :</b>	512452868
<b>Section Number :</b>	1
<b>Section type :</b>	Online
<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions :</b>	100
<b>Number of Questions to be attempted :</b>	100

**Section Marks :** 100  
**Mark As Answered Required? :** Yes  
**Sub-Section Number :** 1  
**Sub-Section Id :** 512452955  
**Question Shuffling Allowed :** Yes

**Question Number : 1 Question Id : 51245216409 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Which of the following does not fall under cost categories of an estimate?

1. Labour
2. Material
3. Equipment
4. Earnest money deposit

**Options :**

51245252567. 1  
51245252568. 2  
51245252569. 3  
51245252570. 4

**Sub-Section Number :** 2  
**Sub-Section Id :** 512452956  
**Question Shuffling Allowed :** Yes

**Question Number : 2 Question Id : 51245216410 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Estimation is an exact method of determining cost of a project based on quantities

1. True
2. False

**Options :**

51245252571. 1

51245252572. 2

**Question Number : 3 Question Id : 51245216411 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The more information and time available, better is the chances of accuracy of the estimate

1. True
2. False

**Options :**

51245252573. 1

51245252574. 2

**Sub-Section Number :**

3

**Sub-Section Id :**

512452957

**Question Shuffling Allowed :**

Yes

**Question Number : 4 Question Id : 51245216412 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Estimation is a process where

1. A process where somethings may be unknown
2. A process where knowledge of construction, common sense and judgment are relevant
3. A process where experience of previous projects can be helpful
4. All of the above

**Options :**

51245252575. 1

51245252576. 2

51245252577. 3

51245252578. 4

**Question Number : 5 Question Id : 51245216413 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 1 Wrong Marks : 0**

Select the right answer from below, "Construction estimates are used in the following situations:"

1. By a contractor while bidding
2. To find the approximate cost of a project
3. To apply for loan from a bank for a construction project
4. All of the above

**Options :**

- 51245252579. 1
- 51245252580. 2
- 51245252581. 3
- 51245252582. 4

**Question Number : 6 Question Id : 51245216414 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Select the odd one out - "The skills required by an estimator includes:"

1. Read plans
2. Understand specifications
3. Visualise 3D from 2D drawings
4. Design slabs

**Options :**

- 51245252583. 1
- 51245252584. 2
- 51245252585. 3
- 51245252586. 4

**Question Number : 7 Question Id : 51245216415 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

"For inviting tender for bid purposes, preliminary estimates are sufficient."

1. True
2. False
3. Experience of previous projects can be helpful
4. All of the above

**Options :**

- 51245252587. 1
- 51245252588. 2
- 51245252589. 3
- 51245252590. 4

**Question Number : 8 Question Id : 51245216416 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Estimation is used only in construction.

1. True
2. False
3. Experience of previous projects can be helpful
4. All of the above

**Options :**

- 51245252591. 1
- 51245252592. 2
- 51245252593. 3
- 51245252594. 4

**Question Number : 9 Question Id : 51245216417 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The task/(s) in estimating is/are:

1. Determining the probable cost
2. Determining the probable time
3. Only Option 1
4. Both Option 1 and Option 2

**Options :**

- 51245252595. 1
- 51245252596. 2
- 51245252597. 3
- 51245252598. 4

**Sub-Section Number :** 4  
**Sub-Section Id :** 512452958  
**Question Shuffling Allowed :** Yes

**Question Number : 10 Question Id : 51245216418 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

In spite of the best estimation, the actual cost is known only when the project is completed

1. True
2. False

**Options :**

- 51245252599. 1
- 51245252600. 2

**Sub-Section Number :** 5  
**Sub-Section Id :** 512452959  
**Question Shuffling Allowed :** Yes

**Question Number : 11 Question Id : 51245216419 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Which of the following is NOT an estimation tool for preparing estimates?

1. Microsoft Excel
2. Schedule of rates
3. Tossing a coin
4. Schedule of rates

**Options :**

- 51245252601. 1
- 51245252602. 2
- 51245252603. 3
- 51245252604. 4

**Question Number : 12 Question Id : 51245216420 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

PDF is

1. Pen Drive Format
2. Portable Document File
3. Pen Drive File
4. Portable Document Format

**Options :**

- 51245252605. 1
- 51245252606. 2
- 51245252607. 3
- 51245252608. 4

**Question Number : 13 Question Id : 51245216421 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Which one of the following is NOT an estimation software?

1. Navisworks
2. 3D Max
3. Pro Est
4. Assemble

**Options :**

- 51245252609. 1
- 51245252610. 2
- 51245252611. 3
- 51245252612. 4

**Question Number : 14 Question Id : 51245216422 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Some of the best practices in using Excel are :

1. While using a template, save in a new name with "save as" option
2. There should not be any hidden rows or columns
3. Always use original data source for calculation
4. All of the above options

**Options :**

- 51245252613. 1
- 51245252614. 2
- 51245252615. 3
- 51245252616. 4

**Sub-Section Number :**

6

**Sub-Section Id :**

512452960

**Question Shuffling Allowed :**

Yes

**Question Number : 15 Question Id : 51245216423 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**



**Correct Marks : 1 Wrong Marks : 0**

Estimation is an exact method of determining cost of a project based on quantities

1. True
2. False

**Options :**

51245252617. 1

51245252618. 2

**Sub-Section Number :**

7

**Sub-Section Id :**

512452961

**Question Shuffling Allowed :**

Yes

**Question Number : 16 Question Id : 51245216424 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 1 Wrong Marks : 0**

In the Long wall-short wall method, Length of long wall (out to out) =

1. centre line length + half breadth at each end
2. centre line length - half breadth at each end
3. outer to outer length + half breadth at each end
4. outer to outer length- half breadth at each end

**Options :**

51245252619. 1

51245252620. 2

51245252621. 3

51245252622. 4

**Question Number : 17 Question Id : 51245216425 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 1 Wrong Marks : 0**

Specifications and \_\_\_\_\_ are complementary to each other and may even be incomplete without another

1. Drawings
2. Insurance
3. Bank gurantee
4. None of the above

**Options :**

- 51245252623. 1
- 51245252624. 2
- 51245252625. 3
- 51245252626. 4

**Sub-Section Number :** 8  
**Sub-Section Id :** 512452962  
**Question Shuffling Allowed :** Yes

**Question Number : 18 Question Id : 51245216426 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

In "central line method", corner omissions are compensated in overlapping measurements

1. True
2. False

**Options :**

- 51245252627. 1
- 51245252628. 2

**Sub-Section Number :** 9  
**Sub-Section Id :** 512452963  
**Question Shuffling Allowed :** Yes

**Question Number : 19 Question Id : 51245216427 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 1 Wrong Marks : 0**

In centre line method, for each 'T' junction, \_\_\_\_\_ is subtracted from the length, where 'w' is the width of the item.

1. w
2.  $w/2$
3.  $w/3$
4. None of the above

**Options :**

- 51245252629. 1
- 51245252630. 2
- 51245252631. 3
- 51245252632. 4

**Question Number : 20 Question Id : 51245216428 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

For calculating the centre line length for excavation, if the total centre line is 24m and the width of excavation is 0.75m, what is the actual centre line? Number of T junctions is 2.

1. 22.5
2. 23.25
3. 23.5
4. 24.75

**Options :**

- 51245252633. 1
- 51245252634. 2
- 51245252635. 3
- 51245252636. 4

**Question Number : 21 Question Id : 51245216429 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

If the internal perimeter of a room is 50 m, and the width of excavation is 60cm, what is the actual centre line length of the room to be considered for measurement of excavation?

1. 50m
2. 50.6m
3. 52m
4. 52.4m

**Options :**

- 51245252637. 1
- 51245252638. 2
- 51245252639. 3
- 51245252640. 4

**Question Number : 22 Question Id : 51245216430 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Which one of the following is NOT a part of the construction document?

1. Owner contractor agreement
2. Supplementary general conditions
3. Working Drawings
4. Change Orders

**Options :**

- 51245252641. 1
- 51245252642. 2
- 51245252643. 3
- 51245252644. 4

**Question Number : 23 Question Id : 51245216431 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Which one of the following is a drawing or statement that is changed or added after the contract documents have been given to the bidder but before taking the bids?

1. Addenda
2. Specifications
3. BOQ
4. GCC

**Options :**

- 51245252645. 1
- 51245252646. 2
- 51245252647. 3
- 51245252648. 4

**Question Number : 24 Question Id : 51245216432 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The measurements of various items to obtain the estimation for a project is called

1. Bill of Quantities
2. Rate Analysis
3. Units of measurement
4. None of the above

**Options :**

- 51245252649. 1
- 51245252650. 2
- 51245252651. 3
- 51245252652. 4

**Question Number : 25 Question Id : 51245216433 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Which one of the following is NOT an example of Imperial Measurement System?

1. Feet
2. Yard
3. Litre
4. Pound

**Options :**

- 51245252653. 1
- 51245252654. 2
- 51245252655. 3
- 51245252656. 4

**Question Number : 26 Question Id : 51245216434 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

A group of workers or equipment needed to complete a task is

1. Crew
2. Community
3. Workload
4. None of the above

**Options :**

- 51245252657. 1
- 51245252658. 2
- 51245252659. 3
- 51245252660. 4

**Question Number : 27 Question Id : 51245216435 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Specifications give us an idea of

1. Performance rating of equipment
2. Level of workmanship
3. Warranty requirements
4. All of the above

**Options :**

- 51245252661. 1
- 51245252662. 2
- 51245252663. 3
- 51245252664. 4

**Question Number : 28 Question Id : 51245216436 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Document or record, in which quantities of work done are recorded, based on which pay orders are prepared for releasing payment, is

1. Working statement
2. Abstract of Estimate
3. Measurement Book
4. Labour Rate

**Options :**

- 51245252665. 1
- 51245252666. 2
- 51245252667. 3
- 51245252668. 4

**Question Number : 29 Question Id : 51245216437 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Organizing and subdividing the total work scope of a project based on deliverable/work is called

1. Work Breakdown structure
2. Building Cost Index
3. Location Cost Index
4. None of the above

**Options :**

- 51245252669. 1
- 51245252670. 2
- 51245252671. 3
- 51245252672. 4

**Question Number : 30 Question Id : 51245216438 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Analysis of rates depends upon

1. Quantities of materials
2. Cost of labourers
3. Both Option 1 and Option 2
4. Neither Option 1 nor Option 2

**Options :**

- 51245252673. 1
- 51245252674. 2
- 51245252675. 3
- 51245252676. 4

**Question Number : 31 Question Id : 51245216439 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**



**Correct Marks : 1 Wrong Marks : 0**

An example of indirect cost is

1. Cost of material
2. Cost of labour
3. Cost of Equipment
4. Overhead costs

**Options :**

51245252677. 1  
51245252678. 2  
51245252679. 3  
51245252680. 4

**Question Number : 32 Question Id : 51245216440 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Which one of the following is NOT measured in cubic metres?

1. Earthwork
2. Concrete work
3. Damp Proof course
4. RCC

**Options :**

51245252681. 1  
51245252682. 2  
51245252683. 3  
51245252684. 4

**Question Number : 33 Question Id : 51245216441 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 1 Wrong Marks : 0**

Cornice is measured in

1. Running metre
2. Square metre
3. Cubic metre
4. Each of the three mentioned

**Options :**

- 51245252685. 1
- 51245252686. 2
- 51245252687. 3
- 51245252688. 4

**Question Number : 34 Question Id : 51245216442 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Select the INCORRECT option with regards to the deductions in masonry walls.

1. No deductions made for openings each up to 0.1 sq m
2. No deductions for end of beams up to 0.5 sq m in section
3. No deductions for wall plate or bed plate for protruding elements up to 0.1 m depth
4. All of the above

**Options :**

- 51245252689. 1
- 51245252690. 2
- 51245252691. 3
- 51245252692. 4

**Sub-Section Number :**

10

**Sub-Section Id :**

512452964

**Question Shuffling Allowed :**

Yes

**Question Number : 35 Question Id : 51245216443 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

In 'centre line method' corner omissions compensate in overlapping measurement

1. True
2. False

**Options :**

51245252693. 1  
51245252694. 2

**Sub-Section Number :**

11

**Sub-Section Id :**

512452965

**Question Shuffling Allowed :**

Yes

**Question Number : 36 Question Id : 51245216444 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Document used to calculate the cost of the conveyance to bring the materials from the source to work site is

1. Measurement book
2. Lead statement
3. Bill of quantities (BOQ)
4. Abstract of Cost (AOC)

**Options :**

51245252695. 1  
51245252696. 2  
51245252697. 3  
51245252698. 4

**Sub-Section Number :**

12

**Sub-Section Id :** 512452966

**Question Shuffling Allowed :** Yes

**Question Number : 37 Question Id : 51245216445 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

State true or false: A preliminary estimate is also called an "equipment factored" estimate.

1. True
2. False

**Options :**

51245252699. 1

51245252700. 2

**Sub-Section Number :** 13

**Sub-Section Id :** 512452967

**Question Shuffling Allowed :** Yes

**Question Number : 38 Question Id : 51245216446 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Cubic cost of a building = ?

1. Cost of a building ÷ sq ft area of the building
2. Cost of a building ÷ cost of individual items
3. Cost of a building ÷ volume of the building
4. None of the above

**Options :**

51245252701. 1

51245252702. 2

51245252703. 3

51245252704. 4

**Question Number : 39 Question Id : 51245216447 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

In the steps for preparing a detailed estimate, determine the correct order:

- A. Determine the quantities-BOQ
- B. Pricing-material cost, total cost of equipment, labor cost (Direct Cost)
- C. Add profit
- D. Review the scope of the project
- E. Calculate: Indirect cost-taxes, bonds, insurance, overhead charges
- F. Add Contingency

- 1. D,B,F,A,E,C
- 2. D,F,E,B,A,C
- 3. B,F,E,D,C,A
- 4. D,A,B,E,F,C

**Options :**

- 51245252705. 1
- 51245252706. 2
- 51245252707. 3
- 51245252708. 4

**Question Number : 40 Question Id : 51245216448 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Which one of the following does NOT fall under direct cost in a detailed estimate?

1. Material
2. Labour
3. Equipment
4. Taxes

**Options :**

51245252709. 1

51245252710. 2

51245252711. 3

51245252712. 4

**Question Number : 41 Question Id : 51245216449 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Select the correct order of construction activities:

A. RCC in lintels, Chajjas, Bands, Slabs, Beams, Stair cases, Railings

B. Plastering/Pointing of masonry

C. Earthwork in excavation

D. Doors

E. White washing

F. Masonry in superstructure

G. Sand fillings under floor

1. F,C,G,E,D,B,A

2. A,B,D,E,G,C,F

3. G,C,A,F,D,E,B

4. C,G,F,A,B,D,E

**Options :**

51245252713. 1

51245252714. 2

51245252715. 3

51245252716. 4

**Sub-Section Number :**

14

**Sub-Section Id :**

512452968

**Question Shuffling Allowed :**

Yes

**Question Number : 42 Question Id : 51245216450 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 1 Wrong Marks : 0**

"The job overheads refers specifically to a project and general overloads refer to charges incurred at company's general office"

1. True
2. False

**Options :**

51245252717. 1  
51245252718. 2

**Sub-Section Number :** 15  
**Sub-Section Id :** 512452969  
**Question Shuffling Allowed :** Yes

**Question Number : 43 Question Id : 51245216451 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Regarding "Workmen's Compensation Policy", choose the right answer(s) from the following.

1. It is a labour insurance policy
2. It insures employees over bodily injury while on job
3. It is as per Employee's Compensation Act of 1923
4. All of the above

**Options :**

51245252719. 1  
51245252720. 2  
51245252721. 3  
51245252722. 4

**Question Number : 44 Question Id : 51245216452 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**



A hexagonal prism is an example of

1. One dimensional shape
2. Two dimensional shape
3. Three dimensional shape
4. None of the above

**Options :**

51245252723. 1  
51245252724. 2  
51245252725. 3  
51245252726. 4

**Question Number : 45 Question Id : 51245216453 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Shweta has a garden in front of her house, on three sides with lengths 20m,12m and 12m.

What will be the cost of laying lawn grass in the garden, if per square meter grass cost Rs. 100?

1. Rs. 24000
2. Rs. 240
3. Rs. 4400
4. Rs. 440

**Options :**

51245252727. 1  
51245252728. 2  
51245252729. 3  
51245252730. 4

**Sub-Section Number :**

16

**Sub-Section Id :**

512452970

**Question Shuffling Allowed :**

Yes

**Question Number : 46 Question Id : 51245216454 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

“An approximate estimate is sufficient for budgeting purpose”

1. True
2. False

**Options :**

- 51245252731. 1
- 51245252732. 2

**Question Number : 47 Question Id : 51245216455 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The first party referred to in a contract is the client.

1. True
2. False

**Options :**

- 51245252733. 1
- 51245252734. 2

**Sub-Section Number :**

17

**Sub-Section Id :**

512452971

**Question Shuffling Allowed :**

Yes

**Question Number : 48 Question Id : 51245216456 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Out of the following, select the factor/(s) which does/do affect the accuracy of the estimate.

1. Complexity of the project
2. Market conditions
3. Both Option 1 and Option 2
4. Neither Option 1 nor Option 2

**Options :**

51245252735. 1

51245252736. 2

51245252737. 3

51245252738. 4

**Question Number : 49 Question Id : 51245216457 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

From the following information regarding "cubic method of estimating", choose the one which is NOT correct.

1. It is a traditional method
2. Cost per cubic metre is integral
3. It does not take into consideration the number of floors
4. It reflects correctly the quantity of labour and materials

**Options :**

51245252739. 1

51245252740. 2

51245252741. 3

51245252742. 4

**Question Number : 50 Question Id : 51245216458 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Cost Index is \_\_\_\_\_

1. Cost of per sq ft area of plinth
2. Cost of per cubic metre of the building
3. The factoring of increase in price in comparison to previous costs
4. The cost of construction based on locality

**Options :**

- 51245252743. 1
- 51245252744. 2
- 51245252745. 3
- 51245252746. 4

**Question Number : 51 Question Id : 51245216459 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Which one of the following is included in the calculation of total plinth area?

1. Area of mumty at terrace level
2. Barsati (sleeping room on terrace)
3. Area of lofts
4. Towers, domes

**Options :**

- 51245252747. 1
- 51245252748. 2
- 51245252749. 3
- 51245252750. 4

**Question Number : 52 Question Id : 51245216460 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The term "measurement" on a construction project refers to

1. The reading of dimensions from drawings and entering them into measurement sheets
2. The measurement of actual work executed on site
3. Both Option 1 and Option 2 are correct
4. Both Option 1 and Option 2 are incorrect

**Options :**

- 51245252751. 1
- 51245252752. 2
- 51245252753. 3
- 51245252754. 4

**Sub-Section Number :** 18  
**Sub-Section Id :** 512452972  
**Question Shuffling Allowed :** Yes

**Question Number : 53 Question Id : 51245216461 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

" In the British method of quantity surveying, the quantities are taken off initially floor wise and subsequently abstracted according to trades"

1. True
2. False

**Options :**

- 51245252755. 1
- 51245252756. 2

**Question Number : 54 Question Id : 51245216462 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

In Indian style of taking quantities, the quantity is taken floor wise

1. True
2. False

**Options :**

51245252757. 1  
51245252758. 2

**Sub-Section Number :**

19

**Sub-Section Id :**

512452973

**Question Shuffling Allowed :**

Yes

**Question Number : 55 Question Id : 51245216463 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No  
Correct Marks : 1 Wrong Marks : 0**

The unit of measurement of sand filling under floor is

1. Running metre
2. Square metre
3. Cubic metre
4. None of the above

**Options :**

51245252759. 1  
51245252760. 2  
51245252761. 3  
51245252762. 4

**Question Number : 56 Question Id : 51245216464 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No  
Correct Marks : 1 Wrong Marks : 0**

Which is/are the method/(s) used for estimating?

1. Plinth area method
2. Cubical content method
3. Unit base method
4. All of the above

**Options :**

- 51245252763. 1
- 51245252764. 2
- 51245252765. 3
- 51245252766. 4

**Question Number : 57 Question Id : 51245216465 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The unit of brick work measurement of tapered wall is

1. Running metre
2. Square metre
3. Cubic metre
4. All of the above

**Options :**

- 51245252767. 1
- 51245252768. 2
- 51245252769. 3
- 51245252770. 4

**Question Number : 58 Question Id : 51245216466 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The unit of measurement of marble jali works is

1. m
2. sq m
3. cu m
4. None of the above

**Options :**

- 51245252771. 1
- 51245252772. 2
- 51245252773. 3
- 51245252774. 4

**Question Number : 59 Question Id : 51245216467 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Out of the following, choose the entity with a different unit of measurement from the rest.

1. Steel work in single section
2. M.S sheet sliding shutter
3. Collapsible gates
4. M.S sheet garage doors

**Options :**

- 51245252775. 1
- 51245252776. 2
- 51245252777. 3
- 51245252778. 4

**Question Number : 60 Question Id : 51245216468 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**



What is the multiplying coefficient adopted for painting work of flush doors (for each side) measured flat?

1. 1.0
2. 1.1
3. 1.2
4. 1.3

**Options :**

- 51245252779. 1
- 51245252780. 2
- 51245252781. 3
- 51245252782. 4

**Question Number : 61 Question Id : 51245216469 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Plastering or painting honey comb work is measured

1. In cubic metres
2. Without deducting openings
3. Deducting openings
4. Both Option 1 and Option 2

**Options :**

- 51245252783. 1
- 51245252784. 2
- 51245252785. 3
- 51245252786. 4

**Question Number : 62 Question Id : 51245216470 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Fill in the blank

A \_\_\_\_\_ is the collection of cost of materials, labour and complete item of work of different trades

1. Catalogue
2. Bill of quantities
3. Quantity take off
4. Schedule of rates

**Options :**

- 51245252787. 1
- 51245252788. 2
- 51245252789. 3
- 51245252790. 4

**Question Number : 63 Question Id : 51245216471 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The built up covered area measured at the floor level of the basement or of any storey is

1. Plinth area
2. Carpet area
3. Covered area
4. None of the above

**Options :**

- 51245252791. 1
- 51245252792. 2
- 51245252793. 3
- 51245252794. 4

**Question Number : 64 Question Id : 51245216472 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

A mezzanine floor is

1. Top most floor of a building below the terrace level
2. An intermediate floor, between two floors, above ground level, accessible only from a lower level
3. A floor with terrazzo finish
4. The floor of the basement, accessible only from ground floor

**Options :**

- 51245252795. 1
- 51245252796. 2
- 51245252797. 3
- 51245252798. 4

**Question Number : 65 Question Id : 51245216473 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

A detailed estimate consists of

1. Overhead charges
2. Profit
3. Material Cost
4. All of the above

**Options :**

- 51245252799. 1
- 51245252800. 2
- 51245252801. 3
- 51245252802. 4

**Question Number : 66 Question Id : 51245216474 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 1 Wrong Marks : 0**

The internal measure of a room is 12m x 8m x 4m. Find the total cost of white-washing all the four walls of the room, if white-washing is Rs.75 per m<sup>2</sup>. Assume that here is a door of 2m x 1.5m size inside the room.

1. Rs. 15,762
2. Rs. 16,920
3. Rs. 17,983
4. Rs. 18,975

**Options :**

51245252803. 1
51245252804. 2
51245252805. 3
51245252806. 4

**Question Number : 67 Question Id : 51245216475 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Which one of the following is a document published (usually by the government), which has rates of material and labour?

1. Measurement book
2. Rate analysis
3. Schedule of rates
4. None of the above

**Options :**

51245252807. 1
51245252808. 2
51245252809. 3
51245252810. 4

**Question Number : 68 Question Id : 51245216476 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

From the choices below, select component which is part of an abstract estimate.

1. Quantity
2. Rate
3. Amount
4. All of the above

**Options :**

- 51245252811. 1
- 51245252812. 2
- 51245252813. 3
- 51245252814. 4

**Question Number : 69 Question Id : 51245216477 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The process of determining the right quantity of materials to prepare concrete is called

1. Water cement ratio
2. Mix design
3. Design analysis
4. None of the above

**Options :**

- 51245252815. 1
- 51245252816. 2
- 51245252817. 3
- 51245252818. 4

**Question Number : 70 Question Id : 51245216478 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The statement 1:2:4 concrete reflects the ratio of :

1. Cement, sand and aggregate in the initial mixture
2. Aggregate, sand and cement in the initial mixture
3. Cement, sand and aggregate in the final mixture
4. None of the above

**Options :**

51245252819. 1

51245252820. 2

51245252821. 3

51245252822. 4

**Question Number : 71 Question Id : 51245216479 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

From the table, estimate the quantities of sand, cement and bricks in construction of a room which requires 2.5 cubic metre of brick work. Standard brick size with 1:4 proportion mortar is to be used.

S No	Description	Cement (bags)	Sand (cubic metre)	Brick Nos
	One cubic metre Brick work in cement sand mortar with bricks of standard size (Mortar Ratio as below)			
1	1:7	1.00	0.25	500
2	1:5	1.20	0.25	500
3	1:6	1.45	0.25	500
4	1:4	1.75	0.25	500
5	1:3	2.4	0.25	500
6	1:2	3.45	0.24	500

1. 4.67 bags of cement, 0.775 sq m of sand, 1325 bricks
2. 5.23 bags of cement, 0.53 sq m of sand, 1100 bricks
3. 4.38 bags cement, 0.625 sq m sand, 1250 bricks
4. None of the above

**Options :**

- 51245252823. 1
- 51245252824. 2
- 51245252825. 3
- 51245252826. 4

**Question Number : 72 Question Id : 51245216480 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Out of the following, select the statement/(s) which is/are correct.

For measurement of brickwork, \_\_\_\_\_

1. Walls below one brick thickness is measured in cubic metres
2. Walls of thickness >1 brick thick to three bricks thick are measured in multiples of half brick
3. When the thickness of the wall is more than 3 bricks, actual thickness of the wall is measured
4. Both Option 2 and Option 3 are correct

**Options :**

- 51245252827. 1
- 51245252828. 2
- 51245252829. 3
- 51245252830. 4

**Question Number : 73 Question Id : 51245216481 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

For classification of plastering work, following particulars are used:

1. Mix of mortar
2. Number of coats and thickness of each coat
3. Nature of surface treatment
4. All of the above options

**Options :**

- 51245252831. 1
- 51245252832. 2
- 51245252833. 3
- 51245252834. 4



**Question Number : 74 Question Id : 51245216482 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

A cut out is to be made in a plastering for a duct of 70 cm by 70 cm diameter. What is the deduction in plastering?

1. 4900 sq cm
2. 9800 sq cm
3. No deductions
4. None of the above options

**Options :**

- 51245252835. 1
- 51245252836. 2
- 51245252837. 3
- 51245252838. 4

**Question Number : 75 Question Id : 51245216483 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Out of the following, choose the option which is NOT correct regarding the benefits of computer estimating.

1. It can reduce calculation errors
2. It makes process faster
3. It can choose the correct data
4. It gives more flexibility

**Options :**

- 51245252839. 1
- 51245252840. 2
- 51245252841. 3
- 51245252842. 4

**Question Number : 76 Question Id : 51245216484 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Out of the following, pick the ones which are a part of a contract document.

1. Advertisement for bid
2. Bid form
3. Specifications
4. All of the above options

**Options :**

51245252843. 1

51245252844. 2

51245252845. 3

51245252846. 4

**Sub-Section Number :** 20  
**Sub-Section Id :** 512452974  
**Question Shuffling Allowed :** Yes

**Question Number : 77 Question Id : 51245216485 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

“An accurate and well drafted specification helps in correct bidding by a contractor”

1. True
2. False

**Options :**

51245252847. 1

51245252848. 2

**Sub-Section Number :** 21  
**Sub-Section Id :** 512452975  
**Question Shuffling Allowed :** Yes

**Question Number : 78 Question Id : 51245216486 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

While writing specifications, "bricks shall be compact, of homogenous character and free from cracks and voids" is an example of

1. Obligatory clause
2. Recommendatory clause
3. Specific clause
4. None of the above options

**Options :**

- 51245252849. 1
- 51245252850. 2
- 51245252851. 3
- 51245252852. 4

**Question Number : 79 Question Id : 51245216487 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

While writing specifications, "subject to prior agreement, the supplier shall furnish the following additional information as maybe required by purchaser" is an example of

1. Obligatory clause
2. Recommendatory clause
3. Specific clause
4. None of the above options

**Options :**

- 51245252853. 1
- 51245252854. 2
- 51245252855. 3
- 51245252856. 4

**Question Number : 80 Question Id : 51245216488 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The measurement of perimeter of a slab is an example of \_\_\_\_\_

1. Linear Calculation
2. Area Calculation
3. Volume Calculation
4. None of the above options

**Options :**

- 51245252857. 1
- 51245252858. 2
- 51245252859. 3
- 51245252860. 4

**Question Number : 81 Question Id : 51245216489 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

In excel, a reference that refers to the same cell or range of cells on multiple sheets is called a

\_\_\_\_\_

1. 2D reference
2. 3D reference
3. 4D reference
4. None of the above options

**Options :**

- 51245252861. 1
- 51245252862. 2
- 51245252863. 3
- 51245252864. 4

**Sub-Section Number :**

22

**Sub-Section Id :**

512452976

**Question Shuffling Allowed :**

Yes

**Question Number : 82 Question Id : 51245216490 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The two components of a function are function name and argument.

1. True
2. False

**Options :**

51245252865. 1

51245252866. 2

**Sub-Section Number :**

23

**Sub-Section Id :**

512452977

**Question Shuffling Allowed :**

Yes

**Question Number : 83 Question Id : 51245216491 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

A sign or symbol that specifies the type of calculation to perform within an expression in an excel sheet is called

1. Constant
2. Operator
3. Reference
4. None of the above options

**Options :**

51245252867. 1

51245252868. 2

51245252869. 3

51245252870. 4

**Question Number : 84 Question Id : 51245216492 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

In excel sheet, the symbol "^" (caret) is an arithmetic operator for

1. Addition
2. Multiplication
3. Division
4. Exponentiation

**Options :**

- 51245252871. 1
- 51245252872. 2
- 51245252873. 3
- 51245252874. 4

**Question Number : 85 Question Id : 51245216493 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

A1<>B1 is an example of

1. Comparison operator
2. Concatenation operator
3. Both Option 1 and Option 2
4. None of the above options

**Options :**

- 51245252875. 1
- 51245252876. 2
- 51245252877. 3
- 51245252878. 4

**Question Number : 86 Question Id : 51245216494 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

A \_\_\_ and \_\_\_ are examples of reference operators.

1. Ampersand, plus sign
2. Greater than, less than
3. Colon, comma
4. None of the above options

**Options :**

- 51245252879. 1
- 51245252880. 2
- 51245252881. 3
- 51245252882. 4

**Question Number : 87 Question Id : 51245216495 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The formula SUM (A12:C12,A13)

1. Adds the cell A12 through C12 and A13
2. Adds the cell A12 to the sum of cells from C12 to A13
3. Adds only the cells A12+A13+C12
4. None of the above options

**Options :**

- 51245252883. 1
- 51245252884. 2
- 51245252885. 3
- 51245252886. 4

**Question Number : 88 Question Id : 51245216496 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Fill in the blank

\_\_\_\_\_ formula counts the number of non empty cells in a range. It will count cells that have numbers and/or any other characters in them.

1. CHECK
2. COUNT
3. COUNTA
4. None of the above options

**Options :**

- 51245252887. 1
- 51245252888. 2
- 51245252889. 3
- 51245252890. 4

**Question Number : 89 Question Id : 51245216497 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Fill in the blank

The \_\_\_\_\_ function calculates the number of working days between two dates.

1. WORKINGDAYS
2. NETWORKDAYS (Interval)
3. COUNTDAYS
4. None of the above options

**Options :**

- 51245252891. 1
- 51245252892. 2
- 51245252893. 3
- 51245252894. 4



**Question Number : 90 Question Id : 51245216498 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

From the following, select the data that we require for rate analysis.

1. Cost of carriage
2. Contingencies 3% to 5%
3. Contractor Profit 10% to 15%
4. All of the above options

**Options :**

- 51245252895. 1
- 51245252896. 2
- 51245252897. 3
- 51245252898. 4

**Question Number : 91 Question Id : 51245216499 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

What is the lateral surface area of a cylinder which has 3cm radius and 5cm height?

1. 90.2 sq cm
2. 91.2 sq cm
3. 94.2 sq cm
4. 150.8 sq cm

**Options :**

- 51245252899. 1
- 51245252900. 2
- 51245252901. 3
- 51245252902. 4

**Question Number : 92 Question Id : 51245216500 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The internal measure of a room is 12m x 8m x 4m. Find the total cost of white-washing all four walls of the room, if cost of white-washing is Rs.5 per square metre. Assume that there is a door of 2m x 1.5m size inside the room.

1. Rs. 845
2. Rs. 945
3. Rs. 1145
4. Rs. 1245

**Options :**

- 51245252903. 1
- 51245252904. 2
- 51245252905. 3
- 51245252906. 4

**Question Number : 93 Question Id : 51245216501 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

A godown is in the form of a cuboid of measures 60m x 40m x 30m. How many cuboidal boxes can be stored in it if the volume of one box is 0.8 cubic metre?

1. 900 boxes
2. 9000 boxes
3. 90000 boxes
4. None of the above options

**Options :**

- 51245252907. 1
- 51245252908. 2
- 51245252909. 3
- 51245252910. 4

**Question Number : 94 Question Id : 51245216502 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

From the base of hillock if horizontal distance of the peak is 500m and the peak is 350m higher above its base, find the above slope in percent of the hillock.

1. 50%
2. 60%
3. 70%
4. 80%

**Options :**

- 51245252911. 1
- 51245252912. 2
- 51245252913. 3
- 51245252914. 4

**Question Number : 95 Question Id : 51245216503 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The depth of a farm pond is 1.2m. Horizontal distance from base of the slope to the ground level is 2.4m. What is the slope of the pond sides?

1. 40%
2. 50%
3. 60%
4. None of the above options

**Options :**

- 51245252915. 1
- 51245252916. 2
- 51245252917. 3
- 51245252918. 4

**Question Number : 96 Question Id : 51245216504 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

A drum's capacity is 500 litres if it is filled with sand and its weight is 950 kg, what will be the density of sand? Assume that the drum has no weight of its own.

1. 950 kg/m<sup>3</sup>
2. 1900 kg/m<sup>3</sup>
3. 2000 kg/m<sup>3</sup>
4. None of the above options

**Options :**

- 51245252919. 1
- 51245252920. 2
- 51245252921. 3
- 51245252922. 4

**Question Number : 97 Question Id : 51245216505 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The wage rate of one labor per day is Rs. 200 and earth work excavation rate is Rs.100 per cu meter. Suppose a group of 10 persons were engaged for 6 days, how much quantity of earthwork is supposed to be dug in 6 days to get full wage rate of all labors everyday?

1. 90 cu m earthwork
2. 100 cu m earthwork
3. 120 cu m earthwork
4. 140 cu m earthwork

**Options :**

- 51245252923. 1
- 51245252924. 2

51245252925. 3

51245252926. 4

**Question Number : 98 Question Id : 51245216506 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

In the estimate, there is a task of bush clearance of 10 acres. If the rate of bush clearance is Rs. 20 per sq m, what would be the total estimate amount for this task?

1. Rs. 5,62,896
2. Rs. 6,18,930
3. Rs. 7,62,589
4. Rs. 8,09,372

**Options :**

51245252927. 1

51245252928. 2

51245252929. 3

51245252930. 4

**Question Number : 99 Question Id : 51245216507 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

\_\_\_\_\_ command in AUTOCAD is used to create lines.

1. Line
2. LIN
3. JOIN
4. None of the above options

**Options :**

51245252931. 1

51245252932. 2

51245252933. 3

51245252934. 4

**Question Number : 100 Question Id : 51245216508 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

\_\_\_\_\_ command can be used to make a Polyline in an AUTOCAD drawing.

1. PL
2. POL
3. PLINE
4. None of the above options

**Options :**

51245252935. 1

51245252936. 2

51245252937. 3

51245252938. 4