

National Testing Agency

Question Paper Name :	Building Cost Estimation Simplified 28th August 2021 Shift 1
Subject Name :	Building Cost Estimation Simplified
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Building Cost Estimation Simplified

Group Number :	1
Group Id :	603489160
Group Maximum Duration :	0
Group Minimum Duration :	120
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	100
Is this Group for Examiner? :	No

Building Cost Estimation Simplified -1

Section Id :	603489228
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory

Number of Questions :	50
Number of Questions to be attempted :	50
Section Marks :	100
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Sub-Section Number :	1
Sub-Section Id :	603489456
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 60348911955 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

The skill that is not required by an estimator is:

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

Options :

60348945335. 1

60348945336. 2

60348945337. 3

60348945338. 4

Question Number : 2 Question Id : 60348911956 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

The tasks involved in estimation are:

1. Determining the probable cost
2. Determining the probable time
3. Determining the quality
4. Determining the probable cost and probable time

Options :

60348945339. 1

60348945340. 2

60348945341. 3

60348945342. 4

Question Number : 3 Question Id : 60348911957 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

..... 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 :

60348945343. 1

60348945344. 2

60348945345. 3

60348945346. 4

Question Number : 4 Question Id : 60348911958 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

..... are written instructions in a project which specifies the quality of material used and their performance

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

Options :

60348945347. 1

60348945348. 2

60348945349. 3

60348945350. 4

Question Number : 5 Question Id : 60348911959 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Select the one that is an example of metric measurement system

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

Options :

60348945351. 1

60348945352. 2

60348945353. 3

60348945354. 4

Question Number : 6 Question Id : 60348911960 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Select the option that is not part of the detailed estimate:

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

Options :

60348945355. 1

60348945356. 2

60348945357. 3

60348945358. 4

Question Number : 7 Question Id : 60348911961 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 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 :

60348945359. 1

60348945360. 2

60348945361. 3

60348945362. 4

Question Number : 8 Question Id : 60348911962 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

The unit of brick walls is measured in sq. m if the thickness of the wall is ____

1. 9 cm
2. 10 cm
3. 20 cm
4. 30 cm

Options :

60348945363. 1

60348945364. 2

60348945365. 3

60348945366. 4

Question Number : 9 Question Id : 60348911963 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Choose the appropriate unit of measurement

1. Metric tonne for length
2. Cubic metre for area
3. Square cube for volume
4. Litre for capacity

Options :

60348945367. 1

60348945368. 2

60348945369. 3

60348945370. 4

Question Number : 10 Question Id : 60348911964 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

In a plinth area estimate, the following is not included:

1. area of courtyard
2. Wall thickness
3. Floor area
4. Toilets

Options :

60348945371. 1

60348945372. 2

60348945373. 3

60348945374. 4

Question Number : 11 Question Id : 60348911965 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

In case of brick work, unit of measurement is in sq metre, in the following cases __

1. Half brick walls or the partition
2. Three brick thick wall
3. Four brick thick wall
4. Rat trap bond

Options :

60348945375. 1

60348945376. 2

60348945377. 3

60348945378. 4

Question Number : 12 Question Id : 60348911966 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

The item of steel work which is measured in sq.m, is

1. Collapsible gates
2. Steel columns
3. Steel beams
4. Steel arches

Options :

60348945379. 1

60348945380. 2

60348945381. 3

60348945382. 4

Question Number : 13 Question Id : 60348911967 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

The volume is measured correct to the nearest

1. 0.01 cum
2. 0.02 cum
3. 0.03 cum
4. 0.04 cum

Options :

60348945383. 1

60348945384. 2

60348945385. 3

60348945386. 4

Question Number : 14 Question Id : 60348911968 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

For 100 sq. m cement concrete (1 : 2: 4) ,4 cm thick floor, the quantity of cement required, is

1. 0.90 m³
2. 0.94 m³
3. 0.98 m³
4. 1.00 m³

Options :

60348945387. 1

60348945388. 2

60348945389. 3

60348945390. 4

Question Number : 15 Question Id : 60348911969 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

The order of writing dimensions is

1. Length, breadth, height
2. Breadth, length, height
3. Height, breadth, length
4. Thickness, length, height

Options :

60348945391. 1

60348945392. 2

60348945393. 3

60348945394. 4

Question Number : 16 Question Id : 60348911970 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Out of the following, choose the correct statement

1. Bricks are paid per hundred
2. Cement is paid per 100 kg bag
3. Lime is paid per quintal
4. Paint is measured in cu m

Options :

60348945395. 1

60348945396. 2

60348945397. 3

60348945398. 4

Question Number : 17 Question Id : 60348911971 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

The unit of payment for blasting of rock including stacking is _____

1. % sq m
2. % cu m
3. sq m
4. cu m

Options :

60348945399. 1

60348945400. 2

60348945401. 3

60348945402. 4

Question Number : 18 Question Id : 60348911972 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Out of the following, pick the one that falls under 'overhead expenses'

1. Workmen's compensation
2. Establishment charges
3. Taxes and rents
4. Office stationary

Options :

60348945403. 1

60348945404. 2

60348945405. 3

60348945406. 4

Question Number : 19 Question Id : 60348911973 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

The specific lead in the specification of earthwork in foundation trenches, drain is:

1. 1.5m
2. 30m
3. 50m
4. 100m

Options :

60348945407. 1

60348945408. 2

60348945409. 3

60348945410. 4

Question Number : 20 Question Id : 60348911974 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

The unit of measurement of partition wall is

1. running meter
2. sq m
3. cu m
4. numbers

Options :

60348945411. 1

60348945412. 2

60348945413. 3

60348945414. 4

Question Number : 21 Question Id : 60348911975 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

While estimating for plastering, usually no deduction is made for

1. End of beams
2. small openings upto 2 sqm
3. small openings upto 3 sqm
4. small openings upto 4 sqm

Options :

60348945415. 1

60348945416. 2

60348945417. 3

60348945418. 4

Question Number : 22 Question Id : 60348911976 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

The number of bricks of size 20cm X 10cm X 10cm required for 100 cubic meters of masonry wall is

1. 50
2. 500
3. 5000
4. 50000

Options :

60348945419. 1

60348945420. 2

60348945421. 3

60348945422. 4

Question Number : 23 Question Id : 60348911977 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

An approximate percentage of cost of a building electrification with respect to total cost would be

1. 8%
2. 10%
3. 20%
4. 30%

Options :

60348945423. 1

60348945424. 2

60348945425. 3

60348945426. 4

**Question Number : 24 Question Id : 60348911978 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

The percentage allocated to contingencies in a detailed estimate is usually

1. 0.01%
2. 0.1%
3. 3- 5%
4. 12-15%

Options :

60348945427. 1

60348945428. 2

60348945429. 3

60348945430. 4

**Question Number : 25 Question Id : 60348911979 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

The thickness of plastering is usually

1. 6 mm
2. 8 mm
3. 12 mm
4. 25 mm

Options :

60348945431. 1

60348945432. 2

60348945433. 3

60348945434. 4

Question Number : 26 Question Id : 60348911980 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

While writing specifications, 'The total loss on ignition should not be more than 2 (two) percent' -is an example of –

1. Obligatory clause
2. Recommendatory clause
3. Specific clause
4. General clause

Options :

60348945435. 1

60348945436. 2

60348945437. 3

60348945438. 4

Question Number : 27 Question Id : 60348911981 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Select the most appropriate choice "Linking in spreadsheet is possible"

1. on the same sheet only
2. on same or different sheets only
3. on a different file only
4. on the same sheet or different sheet or different file

Options :

60348945439. 1

60348945440. 2

60348945441. 3

60348945442. 4

Question Number : 28 Question Id : 60348911982 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

" ____ "function allows a user to lookup a value based on some input value

1. VLOOKUP
2. DATA SEE
3. LOOKUP D
4. LOOKUP INP

Options :

60348945443. 1

60348945444. 2

60348945445. 3

60348945446. 4

Question Number : 29 Question Id : 60348911983 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Choose the option that does NOT fit into the following statement: "Waste in construction during material handling and installation can be caused due to _____"

1. Degree of site congestion
2. Theft and vandalism
3. Rework due to worker's mistakes
4. Holidays in the project cycle

Options :

60348945447. 1

60348945448. 2

60348945449. 3

60348945450. 4

Question Number : 30 Question Id : 60348911984 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 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. REF

Options :

60348945451. 1

60348945452. 2

60348945453. 3

60348945454. 4

Question Number : 31 Question Id : 60348911985 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

In excel, a ____ is a prewritten formula that takes a value or values, performs an operation, and returns a value or values.

1. Reference
2. Function
3. Calculation
4. Addition

Options :

- 60348945455. 1
- 60348945456. 2
- 60348945457. 3
- 60348945458. 4

**Question Number : 32 Question Id : 60348911986 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

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

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

Options :

- 60348945459. 1
- 60348945460. 2
- 60348945461. 3
- 60348945462. 4

**Question Number : 33 Question Id : 60348911987 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

A1<> B1 is an example of

1. Comparison operator
2. Concatenation operator
3. Joint Operator
4. Ease operator

Options :

60348945463. 1

60348945464. 2

60348945465. 3

60348945466. 4

Question Number : 34 Question Id : 60348911988 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

The formula SUM (A12:C12,A13) ____

1. Adds the cells A12 through C12 and A 13
2. Adds the cell A12 to the sum of cells from C12 to A13
3. Adds only the cells A12+A13+C12
4. Add the cells from C12 to A13 and A12

Options :

60348945467. 1

60348945468. 2

60348945469. 3

60348945470. 4

Question Number : 35 Question Id : 60348911989 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

If a cuboidal box has height, length and width as 20 cm, 15 cm and 10 cm respectively. Then its total surface area is:

1. 1100 cm²
2. 1200 cm²
3. 1300 cm²
4. 1400 cm²

Options :

60348945471. 1

60348945472. 2

60348945473. 3

60348945474. 4

Question Number : 36 Question Id : 60348911990 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

The internal measure of a room are 12m x 8m x 4m. Find the total cost of whitewashing all four walls of the room, if cost of whitewashing is Rs.5 per square meter. 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 :

60348945475. 1

60348945476. 2

60348945477. 3

60348945478. 4

Question Number : 37 Question Id : 60348911991 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

If a group of 20 laborer are to get wages worth Rs. 18000 and if the earthwork rate is Rs.80 per cubic metre, how much earthwork quantity in cubic meter each one has to complete in the group ?(average)

1. 225 cu m
2. 100 cu m
3. 50.45 cu m
4. 11.25 cu m

Options :

60348945479. 1

60348945480. 2

60348945481. 3

60348945482. 4

Question Number : 38 Question Id : 60348911992 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 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. Material analysis

Options :

60348945483. 1

60348945484. 2

60348945485. 3

60348945486. 4

Question Number : 39 Question Id : 60348911993 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

"Theoretical consumption of material" is the _____ of material fixed in advance based on calculations using _____ of each material and also by observation

1. Unit requirement, density
2. Total amount, volume
3. Unit requirement, volume
4. Total amount, density

Options :

60348945487. 1

60348945488. 2

60348945489. 3

60348945490. 4

**Question Number : 40 Question Id : 60348911994 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

Volume of the concrete mixture is always _____ the total volumes of all the materials mixed because _____

1. Lesser than, Finer materials fill the space between the particles of coarser material
2. Greater than, Materials expand while mixing
3. Equal to, no chemical reactions take place
4. Unrelated to, the reaction is unpredictable

Options :

60348945491. 1

60348945492. 2

60348945493. 3

60348945494. 4

**Question Number : 41 Question Id : 60348911995 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 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. Insufficient data

Options :

60348945495. 1

60348945496. 2

60348945497. 3

60348945498. 4

**Question Number : 42 Question Id : 60348911996 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

Out of the following, select the factor(s) which DO NOT affect the accuracy of the estimate

1. Reliability of site data
2. Skill of estimator
3. Market rates
4. Height of the building

Options :

60348945499. 1

60348945500. 2

60348945501. 3

60348945502. 4

**Question Number : 43 Question Id : 60348911997 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

_____command can make infinite lines starting from the point of selection

1. PLINE
2. XLINE
3. INFLINE
4. LINEF

Options :

60348945503. 1

60348945504. 2

60348945505. 3

60348945506. 4

Question Number : 44 Question Id : 60348911998 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

_____command creates and modifies dimension styles

1. DIMIS
2. DIMSTYLE
3. STYLE D
4. DSTYLE

Options :

60348945507. 1

60348945508. 2

60348945509. 3

60348945510. 4

Question Number : 45 Question Id : 60348911999 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

_____ 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. CNON

Options :

- 60348945511. 1
- 60348945512. 2
- 60348945513. 3
- 60348945514. 4

**Question Number : 46 Question Id : 60348912000 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

_____ command can be used to make a Polyline in an AUTO CAD drawing

1. PL
2. POL
3. PLINE
4. LINEP

Options :

- 60348945515. 1
- 60348945516. 2
- 60348945517. 3
- 60348945518. 4

**Question Number : 47 Question Id : 60348912001 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

For white washing, select all the option which is true

1. The quantities are measured in cu m
2. The number of coats need not be mentioned in the item
3. Full deduction is made for openings less than 3 sqm
4. The quantities are measured in sq m

Options :

60348945519. 1

60348945520. 2

60348945521. 3

60348945522. 4

Question Number : 48 Question Id : 60348912002 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

_____ command is used to change the scale of an object

1. S
2. SC
3. SCL
4. CHANGE

Options :

60348945523. 1

60348945524. 2

60348945525. 3

60348945526. 4

Question Number : 49 Question Id : 60348912003 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

_____ command will make a rectangle in AutoCAD

1. R
2. REC
3. RECT
4. GEOR

Options :

60348945527. 1

60348945528. 2

60348945529. 3

60348945530. 4

Question Number : 50 Question Id : 60348912004 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

GCC stands for

1. General Construction of Contracts
2. Good Conditions of the Contract
3. General Conditions of the Contract
4. Good certification of Contract

Options :

60348945531. 1

60348945532. 2

60348945533. 3

60348945534. 4