

**MAHARASHTRA STATE BOARD OF SKILL DEVELOPMENT EXAMINATION, MUMBAI**

**Examination—July, 2020**

CERTIFICATE COURSE IN INTERIOR DECORATOR

[**Ἐ**ϣ—3 iÉÉ°É]

(BEÜÉ MÜÉ—100)

**<Æ®ú-®úÊbZĖ<xĖ(ÊĖ+®01)**

NÉÉ

5

[illegible]
$$(1) \quad [E]_0 - E_a^{(R)} + E_b^{(R)} = E_{\text{ext}} + \dots + E_a^{(R)}$$

(+) 3 iĕä 3.50 ĒEò±ĒĒä      (×) 4 iĕä 4.50 ĒEò±ĒĒä

(E0) 5 iÉä 5.50 ÊE0±ÉÉä

[illegible]

(+) 2 ifä 3                      (†) 3 ifä 6                      (E0) 6 ifä 12.

(3) ..... 15 iġa75 "EQ." EQ. EEoEE i"EE(EE VEE°iE VEEBoAEE  
EdSfaEvEM =LMEoSAAE MEAPMA EUpu(EbiE xEEZ).

(+)  $\text{E}^{\text{H}}\text{E}^{\text{O}}\text{S}^{\text{E}}\text{O} \text{ M}^{\text{E}}\text{E}^{\text{A}}\text{O} \text{ E}^{\text{H}}\text{E}^{\text{O}} \text{ E}^{\text{O}}\text{S}^{\text{E}}$       (+)  $\text{E}^{\text{H}}\text{E}^{\text{O}} \text{ E}^{\text{O}}\text{S}^{\text{E}}$

(E0)  $a \in \{E0\} \times E_{1/2}$ .

(4)  $\frac{1}{2} \text{H}_2\text{O} + \text{H}_2\text{O} \rightarrow \text{H}_2\text{O} + \text{H}_2\text{O}$  (balanced)

[illegible]

(5) +<sup>o</sup>Ea+EfEgHf +E+Ea+El/EED, oEvEef E°E'Ea+Ef 90% EV-EEDD.....  
E'EsVfa

(+) 28  $\frac{1}{2} \times 28 = 14$       (x) 6  $\frac{1}{2} \times 6 = 3$

(Eò) BEò 'É'ÉÇ'ÉÈ'ÉE VÉÉ°iÉ Eð±ÉE'ÉvÉÈ.

[illegible]

(+)  $\text{O}^{\circ}\text{E}^{\circ}\text{E}^{\circ}\text{X}^{\circ}\text{E}^{\circ}$  E<sup>-</sup>E<sup>-</sup>E<sup>-</sup>hE<sup>-</sup>

(-)  $\text{E}^{\circ}\text{E}^{\circ}\text{E}^{\circ}\text{E}^{\circ}\text{E}^{\circ}$  E<sup>-</sup>E<sup>-</sup>E<sup>-</sup>E<sup>-</sup>E<sup>-</sup>o

(၁၆) **SHE** E0 **SH** uia  $E \pm E/2$  ( $E_{ch}E_{if}/2$ ) (**HSE**) :-

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$$(1) \quad \{E^a E^b E^c E^d = n_1 n_2\} \tilde{o} < E^a E^b E^c E^d + E^a E^b E^c E^d + E^a E^b E^c E^d$$

(2)  $\{E_{\alpha}^{\pm}\}_{\alpha \in \Delta} \subset \mathfrak{g}$  is a Chevalley basis of  $\mathfrak{g}$  if and only if  $\{E_{\alpha}^{\pm}\}_{\alpha \in \Delta}$  is a basis of  $\mathfrak{g}$  and  $[E_{\alpha}^{\pm}, E_{\beta}^{\pm}] = N_{\alpha, \beta} E_{\alpha \pm \beta}^{\pm}$  for all  $\alpha, \beta \in \Delta$  with  $\alpha \pm \beta \in \Delta$ , where  $N_{\alpha, \beta} \in \mathbb{Z}$  is a non-zero integer.

(3) उघड्या गाळ्याच्या एका बाजूपासून दुसऱ्या बाजूपर्यंत बांधलेल्या

(4) सपाट छत हे जोरदार वाऱ्यात स्थिर रहाते.

[illegible]

(6)  $+_{\text{E}}^{\text{a}} \text{E}^{\text{a}} \text{E}^{\text{a}} \text{E}^{\text{a}} \text{E}^{\text{a}} + \text{S}^{\text{a}} \text{E}^{\text{a}} \text{E}^{\text{a}} \text{E}^{\text{a}} \text{E}^{\text{a}} + \text{E}^{\text{a}} \text{E}^{\text{a}} \text{E}^{\text{a}} \text{E}^{\text{a}} + \text{E}^{\text{a}} \text{E}^{\text{a}} \text{E}^{\text{a}} \text{E}^{\text{a}}$





**(ENGLISH)**

[ TIME ALLOWED—3 HOURS ]

(MARKS—100)

**INTERIOR DESIGN (THEORY-I)****Marks**

1. (a) Fill in the blanks with appropriate alternatives (*any five*) :— 5
- (i) Average weight of a brick will be about ..... .  
 (a) 3 to 3.50 Kg.      (b) 4 to 4.50 Kg.      (c) 5 to 5.50 Kg.
  - (ii) A period of about ..... month is considered to be sufficient for proper seasoning of wood.  
 (a) 2 to 3                      (b) 3 to 6                      (c) 6 to 12.
  - (iii) ..... type of glass vary from 15mm to 75 mm thick or more it will not allow bullet to pierce through it.  
 (a) Bullet proof glass      (b) Structural glass  
 (c) Non of this.
  - (iv) The timber is converted in to suitable commercial size is called ..... .  
 (a) Market forms of timber      (b) industrial timber.
  - (v) It is found that ordinary cement achieves about 90% final strength in ..... .  
 (a) 28 days                      (b) 6 months                      (c) one year or so.
  - (vi) ..... is the mixture of cement, sand, pebbles or the crushed rock and water.  
 (a) Cement concrete      (b) Mortar                      (c) cement paint.
- (b) State whether *true* or *false* (*any five*) :— 5
- (i) Object of foundation is to support the structure.
  - (ii) A part of superstructure located between the ground level and the floor level is known as plinth.
  - (iii) An arch is a structure which is constructed to span across an opening.
  - (iv) A flat roof is more stable against high wind.
  - (v) Straight stairs used when the space available for stair case is long but narrow in width.
  - (vi) Aluminium is a non-magnetic substance.

- (c) State the long form of following (any *five*) :— 5
- (i) GL (ii) GI (iii) R.C.C.  
 (iv) A.C. sheet (v) BK wall (vi) P.C.C.  
 (vii) D.P.C. (viii) P.L.
- (d) Match the pairs (any *five*) :— 5
- | ‘ A ’ Group            | ‘ B ’ Group                                      |
|------------------------|--|
| (i) Igneous rock       | (a) In this clay is predominates                 |
| (ii) Argillaceous rock | (b) It formed by the cooling the magma.          |
| (iii) Cement           | (c) Melting point is about 1400° C               |
| (iv) Hard steel        | (d) It is not usually affeted by air             |
| (v) Mild steel         | (e) Melting point is about 1300°c                |
| (vi) Glass             | (f) It resist the action of acids in better way. |
2. Answer the following (any *two*) :— 16
- (a) What are the qualities of good building stone ?  
 (b) What are the various use of stone ?  
 (c) Write the difference between brick work and stone work.  
 (d) What are the qualities of good brick ?
3. Answer the following (any *two*) :— 16
- (a) State the general properties of glass.  
 (b) Write the difference between the sodalime glass and potash-lime glass.  
 (c) Mention the qualities of good timber.  
 (d) State and explain the market forms of timber.
4. Answer the following in brief (any *two*) :— 16
- (a) Mention the use of cement.  
 (b) What are the properties of cement.  
 (c) Define cement concrete and mention its properties.  
 (d) What are the materials used in making in R.C.C. work ? explain in brief.
5. Answer the following in brief (any *two*) :— 16
- (a) What is mean by foundation ? What are its objects ?  
 (b) What are essential of good foundation ?  
 (c) Mention advantage and disadvantage of flat roof.  
 (d) What factors should be consider while selecting roof covering materials ?

6. Answer the following (any two) :—

(a) Explain the following terms,—

- |              |                  |              |
|--------------|------------------|--------------|
| (i) Riser    | (ii) Landing     | (iii) Flight |
| (iv) pitch   | (v) Soffit       | (vi) Tread   |
| (vii) Nosing | (viii) Handrail. |              |

(b) What are the requirement of good stair ?

(c) Define following terms,—

- |             |               |                |
|-------------|---------------|----------------|
| (i) Arcade  | (ii) Extrados | (iii) Intrados |
| (iv) Key    | (v) Rise      | (vi) Soffit    |
| (vii) Piers | (viii) Span.  |                |

(d) State the units of measurement for various activities,—

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|-------------------|------------------------------|
| (i) Stone work    | (ii) Cement paint            |
| (iii) Plastering  | (iv) 0.23 m thick brick work |
| (v) Glass panel   | (vi) Steel                   |
| (vii) R.C.C. work | (viii) Cement Bag.           |
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