

MAHARASHTRA STATE BOARD OF SKILL DEVELOPMENT EXAMINATION, MUMBAI

Examination—July, 2020

CERTIFICATE COURSE IN DENTAL ASSISTANT

[~~१००~~—3 iEE°E]

(BEthE MthE—100)

°]bò +hb÷|ÉC]òÉaÉ +ÉÉ Eó°]óM °ÉÉÉÉ (EiE+°03)

MthE

1. (+) É°Éó°ÉÉ VÉÉÉÉ É°É (EóhÉiÉÉ°]ò (ÉÉÉ) :-

5

- (1) Eó°]óMÉSáEóhÉiÉÉ°]ò BÉò iÉkÉ
- (2) Eó°]óM °ÉÉó°É ÁÉÉÉ ÉÉ°É °ÉÉ° ò ½áÉÉá
- (3) +ÉÉÉÉ°]òÉó = (É°°É ÁÉÉÉ ÉÉ°É °ÉÉ° ò ½áÉÉá
- (4) ½ VÉóÉÉ°ÉkÉ +ÉÉ°ÉÉ É°]ò÷ÉÉÉ° ò = (É°ÉÉÉ° +°ÉÉá
- (5) mÉ °ÉÉ°ÉÉ°ÉÉÉ°É°É°É° Eó°°É +É°]ò
- (6) bÉ]áÉ +VÉÉÉÉ (núiÉÉÉ° ZÉóVÉ) áÉÉÉáEó°°É +É°]ò

(É) SthE Eó +É°É°ÉiÉáÉ+É°]ò (EóhÉiÉÉ°]ò (ÉÉÉ) :-

5

- (1) núÉ VÉÉÉÉÉ VÉÉ°É°É°É° ò °ÉÉ°B°MÉÉÉ = (É°ÉÉÉ Éó+ÉÉ VÉÉÉÉá
- (2) +ÉÉÉ +ÉÉ+Éá núiÉ ÉnúÉ°ÉÉÉÉ iÉóÉ É°]ò PÉ°ÉÉÉá
- (3) JÉÉÉ ÉÉ°÷ (ÉÉÉ° núiÉÉ°ÉÉ +É°°ÉÉ°É° ò SÉÉÉ+Éá XÉÉ°]ò.
- (4)]+É°É°É°<b÷Éó]óÉ (É°]ò +ÉÉ°ÉÉ núiÉÉ°ÉÉ +É°°ÉÉ°É° ò SÉÉÉ+Éó XÉÉ°]ò.
- (5) +iÉó EóBÉó VÉÉÉ°É° núiÉÉÉ° ZÉóVÉ ½áÉá
- (6) +ÉÉ°ÉÉ É°]ò÷ÉÉÉ° ò + VÉóÉÉ°ÉkÉ = (É°ÉÉÉ° +É°]ò

(Eó) BEÉ ÉÉ°ÉÉÉ = kÉ°ÉÉ+É°]ò (EóhÉiÉÉ°]ò (ÉÉÉ) :-

5

- | | |
|----------------|----------------|
| (1) VÉóVÉ | (2) Eó°]óMÉ |
| (3) +ÉÉÉÉ°]òÉó | (4) bSÉ°É |
| (5) <Í°ÉZÉ°ÉÇ | (6) EóÉÉ°<X°É. |

(b) JÉÉ+ÉóÉ VÉÉ°É VÉ°]ÉÉ (EóhÉiÉÉ°]ò (ÉÉÉ) :-

5

' + ' MÉ]ò

' É ' MÉ]ò

- | | |
|-----------------------------------|-----------------|
| (1) +ÉÉÉÉ°]òÉó jóÉÉÇ | (+) Eó°]ò |
| (2) ½]ò C°É°°É° ZÉóÉ | (É) bÉáÉ |
| (3) °É+É°]òÉ+É]óÉ | (Eó) <X+Éá ÉC°É |
| (4) É°ÉÉ+É]óÉ | (b) ÉkÉó°É |
| (5) ÉXÉ°É | (<) bSÉ°ÉÉÉ |
| (6) BEthE núiÉ (jÉÉ°° °ÉÉ°É°É°É°) | (j) +kÉó°É. |

(ENGLISH)

[TIME ALLOWED—3 HOURS]

(MARKS—100)

STUDY AND PRACTICES ON CASTING MACHINE (THEORY-III)**Marks**

1. (a) Fill in the blanks (*any five*) :— 5
- (i) Any one principle of casting.
 - (ii) Casting machines used for
 - (iii) Orthodontic appliances useful for
 - (iv) Vitamin is useful for our gums.
 - (v) Dental sensitivity is because of
 - (vi) Dental abrasion is caused due to
- (b) State *True* or *False* (*any five*) :— 5
- (i) Soldering is useful for joining metals.
 - (ii) We should brush our teeth thrice a day.
 - (iii) We should not drink very cold water, it is harmful for teeth.
 - (iv) We should not use fluorid free tooth paste.
 - (v) Hard brushing result in dental abrasion.
 - (vi) Vitamin A is useful for gums.
- (c) Answer in one sentence (*any five*) :— 5
- (i) Bridge (ii) Casting
 - (iii) Orthodontic (iv) Denture
 - (v) Incisors (vi) Canines.
- (d) Match the pairs (*any five*) :— 5
- | ‘ A ’ Group | ‘ B ’ Group |
|--------------------------------------|------------------|
| (i) Orthodontic force | (a) Cast |
| (ii) Heat cure resin | (b) Die |
| (iii) Multiple teeth | (c) Inlay wax |
| (iv) Single tooth | (d) Thirty two |
| (v) Blue | (e) Denture Base |
| (vi) Total Number of teeth in adult. | (f) Anchorage |

2. Answer in brief (any *two*) :— 16
- (a) Write in short about soldering and spot welding.
 - (b) Write about CAD and CAM technology.
 - (c) Write about various parts of FPD.
 - (d) Various casting defects write in brief.
3. Answer of following (any *two*) :— 16
- (a) Explain procedure involved in the casting of ceramic prosthesis.
 - (b) Explain different parts of a RPD.
 - (c) Centrifugal and pressure casting machine.
 - (d) Explain about principles of casting.
4. Describe in brief (any *two*) :— 16
- (a) Describe about wax pattern making of a tooth.
 - (b) Describe various minor connectors.
 - (c) Describe Various major connectors.
 - (d) Describe sand blasting.
5. Write short notes on (any *four*) :— 16
- (a) Cold working
 - (b) Adaptation of shellac base plate
 - (c) Adams clasp.
 - (d) Tissue shange and retention.
 - (e) Inlays and crowns.
6. Attempt any *two* of the following :— 16
- (a) Use of various types of expansion screws.
 - (b) Gypsum product and die material.
 - (c) Principles of bridge work—types of abutments, abutment and pontics.
 - (d) Method of removal of orthodontic appliances, bands, tubes and arches.
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