

MAHARASHTRA STATE BOARD OF SKILL DEVELOPMENT EXAMINATION, MUMBAI

Examination—July, 2020

CERTIFICATE COURSE IN DENTAL ASSISTANT

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(BEÜÉ MÖÉ—100)

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1. (+) E^(R)E^(S)aEE VÉEMÉE |E^(R)| (E^(S)E^(R)i^aEE½) (HSE) :—

- (1) नीलेशादे एदे एदे... + ए॥
- (2) ... ॥ ०॥ ए॥ ए॥ ॥ ०॥ दे॥ ए॥ (से ए॥) ए॥ ए॥ ० ए॥ ए॥ ए॥ ए॥
- (3) ... हा स्नायू चेहेऱ्यावरील हावभाव दर्शवतो.
- (4) ए॥ ए॥ {+॥ ०॥ ॥ ॥ ॥ ... ए॥ ए॥ ए॥ ए॥ ए॥ + ०॥ ए॥
- (5) ब॥ ए॥ {०॥ ए॥ ॥ ॥ ॥ ... ए॥ ए॥ ए॥ ए॥ ए॥ ए॥ ए॥ ए॥ ए॥
- (6) {+॥ ०॥ ॥ ॥ ॥ ... + ०॥ ए॥

(4) $\text{S}^{\text{H}}_0 \in \mathbb{R}^{n \times n}$ is a symmetric positive definite matrix (Eötvös's inequality) :-

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- [illegible]

$$(E_0) \quad BEd \quad \text{EEC}^a \text{EEIE} = kE^{\text{R}} \text{E} + E/2 \quad (EdhEIE/2) \quad \{EIE\} :-$$

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- (1) Eo^offVÉf (2) +kÉf] ðí fð
- (3) +áfík-VÉ (4) <+Éf] íí+É] ðVÉ
- (5) B; ò. {Éð.bð. (6) +É{ÉhÉ nñíÉ Eo^oÉa PÉ^oÉÉ Éa

(b) $J_{\mathbb{E}} + \mathbb{E} \otimes V_{\mathbb{E}} \cong V_{\mathbb{E}} \otimes J_{\mathbb{E}} \quad (\mathbb{E} \in \mathcal{H}^a(\mathbb{Z})) : -$

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' ǂ ' MÉŋõ

- | | |
|---|-------------------------------|
| (1) B j 0 . { E 0 . b 0 . | (+) + E C + E E E + E ° 0] 0 |
| (2) ° E j 0 n u | (E) { E E x] 0 E 0 |
| (3) E { E { E 3 f | (E 0) ° E 0 V x E E a E |
| (4) + E ° { E 0 b 0 . | (b) b x] E E { + E E °] 0 u |
| (5) C + E E a / p | (<) b x] E E °] E E |
| (6) E E E ° E E v a E E o i E 0 E o i E < E n u i E | (j 0) S E E ° . |
| + ° E i E E j E . | |

(ENGLISH)

[TIME ALLOWED—3 HOURS]

(MARKS—100)

STUDY OF DENTAL MATERIALS (THEORY-II)**Marks**

1. (a) Fill in the blanks (any five) :—

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- (i) Function of teeth is
- (ii) is the muscle of mastication.
- (iii) is the muscle of facial expression.
- (iv) Model plaster is made up of
- (v) Composition of dental cement is
- (vi) Colour of plaster is

(b) State *True* or *False* (any five) :—

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- (i) Mastication is the process of chewing.
- (ii) Dental stone is harder than dental plaster.
- (iii) Mercury can be safely disposed by throwing into sink.
- (iv) We should brush our teeth with fluoride free toothpaste.
- (v) There are total 24 teeth in children.
- (vi) Stone plaster consist of zinc.

(c) Answer in one sentence (any five) :—

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- | | |
|---------------|---------------------------|
| (i) Corrosion | (ii) Anatomy |
| (iii) Alloys | (iv) Electroplating |
| (v) F.P.D. | (vi) How we should brush. |

(d) Match the pairs (any five) :—

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' A ' Group

' B ' Group

- | | |
|-------------------------------------|--------------------|
| (i) FPD | (a) Occlusal rest |
| (ii) White | (b) Pontic |
| (iii) Yellow | (c) Eugenol |
| (iv) RPD | (d) Dental plaster |
| (v) Clove | (e) Dental stone |
| (vi) Number of canines
in human. | (f) Four. |

- | | |
|--|----|
| 2. Describe in brief (any <i>two</i>) :— | 16 |
| (a) Principles of tooth selection, describe in brief. | |
| (b) Describe process of master cast preparation. | |
| (c) Write about curve of spee and balanced occlusion. | |
| (d) Write in brief about cast duplication various methods. | |
| 3. Answer the following (any <i>two</i>) :— | 16 |
| (a) Explain about denture base materials. | |
| (b) Explain—temporo mandibular joint movements. | |
| (c) Explain about dental plaster and dental stone. | |
| (d) Explain about porcelain pontics. | |
| 4. Describe in brief (any <i>two</i>) :— | 16 |
| (a) Describe any four types of orthodontic appliances. | |
| (b) Describe in brief anchorage. | |
| (c) Describe about FPDs. | |
| (d) Describe principles of wire bending and preparation of clasps, rests and lingual bars. | |
| 5. Write short notes on (any <i>two</i>) :— | 16 |
| (a) Abutments | |
| (b) Tooth carving | |
| (c) F1 (impression) | |
| (d) Inlays | |
| (e) Uses of gypsum products in dentistry. | |
| 6. Attempt any <i>two</i> of the following :— | 16 |
| (a) Kennedy's classification of partial dentures. | |
| (b) Function of teeth and morphology of crowns of teeth. | |
| (c) Describe immediate denture construction. | |
| (d) Study of alloys used in dentistry e.g. casting of silver alloys, gold and stainless steel. | |
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