

MAHARASHTRA STATE BOARD OF SKILL DEVELOPMENT EXAMINATION, MUMBAI

Examination—JULY, 2020

CERTIFICATE COURSE IN ACUPRESSURE AND MASSAGE THERAPY
(FOR BLIND)

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(BEŮHÉ NŮÉ—100)

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NÍBÉ

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- [illegible]

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- (1) Eðræf Eðsjý (+léffþé) bætæf Evafa Eðnfæf {E}æfié +°ífa?
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(ENGLISH)

[TIME ALLOWED—3 HOURS]

(MARKS—100)

ANATOMY AND PHYSIOLOGY (THEORY-II)**Marks**1. (a) Fill in the blanks (any *ten*) :—

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- (i) The sugar in fruits is called
- (ii) Wrist have number of bones.
- (iii) nerve carries order from brain to the body.
- (iv) disease occurs due to deficiency of vitamin B3.
- (v) % Carbondioxide exhale from breath.
- (vi) Impure blood stored in chamber in heart.
- (vii) Hearing centre is situated in area of brain.
- (viii) Radius bone is in
- (ix) enzyme of pancreas digest fats.
- (x) numbers of Red blood cells in one cubic.
- (xi) Potassium is

(b) Give appropriate answer (any *five*) :—

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- (i) Iris is situated in which layer of eye ?
 - (a) Middle (b) Outer (c) Inner.
- (ii) Which is 10th cranial Nerve ?
 - (a) Optic (b) Vagus (c) Auditory.
- (iii) How much Tidal Volume ?
 - (a) 500 ml. (b) 1000 ml. (c) 1500 ml.
- (iv) Which is single unit of kidney ?
 - (a) Cell (b) Muscle Tissue (c) Nephron.
- (v) Which colour pigment in skin ?
 - (a) Melanin (b) Oxytocin (c) Thrombin.
- (vi) What is the source of Vitamin C ?
 - (a) Sour fruit (b) Wheat (c) Spinach.

(c) Write *True* or *False* (any *five*) :—

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- (i) Epithelial Tissue work as Sensory nerve.
- (ii) CSF is situated in joints.
- (iii) 10th and 12th ribs are called floated ribs.
- (iv) Undigested food passes away from stomach.
- (v) Muscle Tissues are Automated.
- (vi) Production of sperm is in Testis.

[Turn over

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| 2. Write in detail (any <i>two</i>) :— | 16 |
| (a) Write in details about Water soluble Vitamin. | |
| (b) Write down the activities of Liver. | |
| (c) Write down about cerebrum and cerebellum. | |
| (d) Explain in details Inominate bone. | |
| 3. Write in detail (any <i>two</i>) :— | 16 |
| (a) Explain freely movable joints. | |
| (b) Write names of endocrine glands and Explain any gland. | |
| (c) Write in short about brain and Explain different parts of brain. | |
| (d) Explain digestion in stomach. | |
| 4. Write in brief (any <i>two</i>) :— | 16 |
| (a) Explaine structure of cell. | |
| (b) Explain Thyroid gland in detail. | |
| (c) Explain structure eye and vision. | |
| (d) Explain Muscle Tissue in detail. | |
| 5. Write short notes (any <i>four</i>) :— | 16 |
| (a) Vitamin C | |
| (b) Lungs | |
| (c) Balance Diet | |
| (d) Skin | |
| (e) Heart cycle. | |
| 6. Write in details (any <i>two</i>) :— | 16 |
| (a) Write in details of blood. | |
| (b) Write in detail about Respiratory System. | |
| (c) Explain structure and Activity of Pancreas. | |
| (d) Give explanation of Minerals in detail. | |
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