

MAHARASHTRA STATE BOARD OF SKILL DEVELOPMENT EXAMINATION, MUMBAI

Examination--July, 2020

CERTIFICATE COURSE IN OPERATION THEATRE TECHNICIAN

[१२५-3 iEE°E]

(BEthE MBE—100)

+xEE] 6rEO E; dVE+ EāE/EO (EIE+ @01)

MBE

1. (+) aEEPE {EāEE EeEbE (EdhEiEz) (ESE) :-

5

(1) 3/4nāEESāE °E EE E A + E °hEE 1/2pEiEE.

(+) 3/4nāEE°EāE

(E) 3/4nāEESā °xEEāE

(Eo) EohEEd

(b) °E °hEE (EEo3).

(2) 1/4nāEEnP 1/2 E] PE / E°EE] o + °EiEā

(+) 80

(E) 90

(Eo) 120

(b) 45.

(3) GāE°E+ SEāEE EE 1/2 A E VEEB °EāEāEā + E 1/2.

(+) {ESE

(E) +E°

(Eo) °EEiE

(b) +E °

(4) 1/2 (EāEESā > nEECP E + E 1/2

(+) Glori apparatus

(E) Nucleus

(Eo) Ribosomes

(b) Mitochondria.

(5) चेहऱ्याच्या जबड्यामध्ये एकूण 1/2bā + E 1/2.

(+) 8

(E) 10

(Eo) 14

(b) 12.

(6) °xEE ESāE + 1/2 °EE+EE 1/2pEiEE.

(+) +xEE] 6rEO

(E) °EE+EE/EO

(Eo) E; dVE°EE+EE/EO

(b) {EiE+EE/EO.

(E) SāE EEO EE °EāEāEāE + E 1/2 (EdhEiEz) (ESE) :-

5

(1) i; °E 1/2 + ME°EE EO {EhE+EOSE BEo {E°OE {EEM + E 1/2

(2) {ESXE°EIESāE °EāE] SāE {EEM+EE °E] oE 1/2pEiEE.

(3) °EE EO JEEB 1/2 °E] o 1/2bāE°E °EāE+EO + E 1/2

(4) Nucleus 1/2 (EāEESāE °EāE + °EiEā

(5) IE E°b÷ MEb÷ 1/2 ; oE{EJE°E + EEd°EEO + °EiEā

(6) 3/4nāEESā °xEEāE 1/2 BāSUEo °xEEāE > dEEO + E 1/2.

(Eo) E°iEE°E āEE E + E 1/2 (EdhEiEz) (ESE) :-

5

(i) B.M.R.

(ii) C.V.P.

(iii) E.S.R.

(iv) E.C.G.

(v) H.I.V.

(vi) L.F.T.

ANATOMY PHYSIOLOGY (THEORY-I)**Marks**

1. (a) Fill in the blanks (any *five*) :— 5
- (i) Heart is surrounded by an outer covering called
 - (a) Pericardium (b) Atrium
 - (c) Myocardium (d) Ventricular.
 - (ii) The rate of heart is beats per minute.
 - (a) 80 (b) 90
 - (c) 120 (d) 45.
 - (iii) There are pair of cranial nerves.
 - (a) 10 (b) 11
 - (c) 12 (d) 13.
 - (iv) is the powerhouse of cell.
 - (a) Golgiapparatus (b) Nucleus
 - (c) Ribosome (d) Mytocondria.
 - (v) The study of muscle is called
 - (a) Anatomy (b) Myology
 - (c) Physeology (d) Pathalogy.
 - (vi) Fesial skeleton contain bone.
 - (a) 8 (b) 10
 - (c) 14 (d) 12.
- (b) State *true* or *false* (any *five*) :— 5
- (i) Lungs is the major part of the endocrine system.
 - (ii) End point of the digestive system is the rectum.
 - (iii) Skull is made out of flat bone.
 - (iv) Neucleus is a contain of outside of cell.
 - (v) Butterfly is the shape of thyroid gland.
 - (vi) Cardiac muscle is the voluntary muscle.
- (c) Long forms (any *five*) :— 5
- (i) B.M.R. (ii) C.V.P. (iii) E.S.R.
 - (iv) E.C.G. (v) H.I.V. (vi) L.F.T.

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Marks

(d) Match the following pairs :—

5

'A' Group

'B' Group

(i) Skull

(a) Bone of leg

(ii) Femur

(b) Exchange of gasses

(iii) Digestive system

(c) Occipital bone

(iv) Lungs

(d) Uterus

(v) Reproductive system

(e) Small intestine

2. Attempt any *two* of the following :—

16

(a) Draw a structure of humerus and explain briefly.

(b) Explain cells and draw diagram with the label parts.

(c) Explain joints and it's types.

(d) Explain heart and it's chambers and it's function.

3. Attempt any *two* of the following :—

16

(a) Describe contains of digestive system and it's funcion.

(b) Explain endometrium cycle.

(c) Explain scapula.

(d) Describe structure of skin and it's function.

4. Attempt any *two* of the following :—

16

(a) Explain the respiratory system Draw a labelled diagram.

(b) Explain structure of uterus.

(c) Explain vitamin.

(d) Explain liver and it's function.

5. Write short notes on the any *four* of the following :—

16

(a) Nervous system

(b) What is mean by cardiology

(c) Explain Fibula

(d) Explain Metacarpuls bone and carpuls bone

(e) Function of lungs.

6. Attempt any *two* of the following :—

16

(a) Describe component of blood and function of blood.

(b) Draw and label male reproductive system.

(c) Draw a structure of skull and explain it's parts briefly.

(d) Explain eye and draw a diagram and label it.