



MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST SEMESTER B.O.T./ B.Sc. M.L.T./ B.Sc. P.F.T./ B.Sc. E.S.S./ B.Sc. N.M.T./B. Opt./ B.Sc. H.I.M./
BPT/ B.Sc. M.R.T./B.Sc. C.V.T./B.Sc. R.T./ B.Sc. M.I.T./B.Sc. RRT&DT/M.Sc. M.R.P. DEGREE

EXAMINATION - DECEMBER 2018

SUBJECT : ANATOMY/ANATOMY I

(ANAT 101/ANAT 103/BOPT 101/BHIM 101/ BMRT 101)

(2016 RV/2016 SCHEME)

Saturday, December 01, 2018 (14.00 - 16.00)

Answer ALL questions.

Marks: 50

Duration: 120 mins.

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| 1) | Name the parts of the renal system. Describe the right and left kidneys in detail.
(4+6 = 10 marks) | (10) |
| 2) | Name the parts of the respiratory tract. Describe the nasal cavity in detail.
(4+6 = 10 marks) | (10) |
| 3A) | Right atrium of the heart | (5) |
| 3B) | Pancreas | (5) |
| 3C) | Testis | (5) |
| 3D) | Midbrain | (5) |
| 4A) | Classification (types) of epithelia | (2) |
| 4B) | Uterus | (2) |
| 4C) | Eyeball | (2) |
| 4D) | Thyroid gland | (2) |
| 4E) | Names of ventricles of the brain | (2) |

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Question Paper

Exam Date & Time: 10-Dec-2018 (02:00 PM - 04:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST SEMESTER B.Sc. RESPIRATORY THERAPY DEGREE EXAMINATION - DECEMBER 2018
SUBJECT: BRES 103 - MEDICAL TERMINOLOGY
(2016 RV SCHEME)
Monday, December 10, 2018 (14.00 - 16.00)

Marks: 50

Duration: 120 mins.

1) What is the medical term for the following?

- 1A) Inflammation of Spleen (1)
- 1B) A person skilled in gynaecology (1)
- 1C) Irrational fear of darkness (1)
- 1D) Bluish discoloration of skin due to low oxygen in blood (1)
- 1E) Abnormal enlargement of atrium of heart (1)
- 1F) Pain in muscles (1)
- 1G) Pus in the Pleural cavity (1)
- 1H) Madness towards drinking alcohol (1)
- 1I) Surgical repair of Nose (1)
- 1J) The lower end of large intestine (1)

2) What is the meaning for the following?

- 2A) Costectomy (1)
- 2B) Cough (1)
- 2C) Arthrocentesis (1)
- 2D) Scapulopexy (1)
- 2E) Pneumonectomy (1)
- 2F) Thyroidectomy (1)
- 2G) Tympanoplasty (1)
- 2H) Cystoscopy (1)
- 2I) Thoracocentesis (1)
- 2J) Orthopnoea (1)

Answer all the questions.

- 3A) **What is the meaning of the following prefixes?** (5)
 - a) Ab-
 - b) Ampho-
 - c) Bi-
 - d) Equi-
 - e) Hepta-
- 3B) List and define five medical terms from the female reproductive system. (5)
- 3C) List and define five words from musculoskeletal system. (5)
- 3D) **Describe the following:** (5)
 - a) Trachea
 - b) Stomach

4) **Briefly explain about:**

- | | | |
|-----|-----------------|-----|
| 4A) | Fever | (2) |
| 4B) | Hernia | (2) |
| 4C) | Bronchiectasis | (2) |
| 4D) | Osteochondrosis | (2) |
| 4E) | Pleurodesis | (2) |

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Question Paper

Exam Date & Time: 08-Dec-2018 (02:00 PM - 04:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST SEMESTER B.Sc. RESPIRATORY THERAPY DEGREE EXAMINATION - DECEMBER 2018
SUBJECT: BRES 107/BRES 101 - RESPIRATORY CARE EQUIPMENT
(2016/2016 RV SCHEME)
Saturday December 08, 2018 (14.00 - 16.00)

Marks: 50

Duration: 120 mins.

Write long notes on following:

- 1) Write a detailed note on Drager Evita infinity V-500 ventilator. (10)
- 2) With the help of a diagram write a note on tracheostomy tube. (10)

3) Write short notes on:

- 3A) Oxygen concentrators (5)
- 3B) Incentive spirometry (5)
- 3C) Bubble humidifier (5)
- 3D) Sequence of events during obstructive sleep apnea (5)

4) Write mini notes on:

- 4A) Charles Law (2)
- 4B) Indications for oxygen therapy (2)
- 4C) Cuff pressure (2)
- 4D) Types of humidifiers (2)
- 4E) Define compliance (2)

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