

**Avinashilingam Institute for Home Science and Higher Education for Women
[Deemed to be University] Coimbatore-641 043**

Bachelor's Degree Examination – November 2018

III Semester

**Class : II UG
Major : Physician Assistant**

**Time: 3 hours
Max. Marks: 100**

15BPAC13 Fundamentals of Health Science

Part-A

10 x 1=10

Choose the correct answer

1. Instrument used to measure the Blood Pressure is
a. Barometer b. Sphygmomanometer c. Mercury Meter d. Calorimeter
2. Air flow, in and out of lungs can be listened by using
a. Bronchoscope b. Laryngoscope c. Stethoscope d. Pneumoscope
3. Pain is the _____.
a. Objective data b. Subjective Data c. Both a and b d. None of the above
4. Checking pulse is the technique of
a. Inspection b. Palpation c. Percussion d. Auscultation
5. Normal urine output per day is
a. 1000 – 1500 ml b. 3000 – 4000 ml c. <500 ml d. >40000 ml
6. Signs of dehydration are
a. Dryness in the mouth b. Sunken eyes c. Poor skin turgor d. All the above
7. Bradycardia means
a. Pulse rate <60 beat/minute b. Pulse rate < 72 beat/minute
c. Pulse rate <100 beat/ minute d. Pulse rate < 120 beat/minute
8. Body mass Index=
a. Weight (in Kg)/Height (in Meter) b. Weight (in Kg)²/Height (in Meter)
c. Weight (in Kg)/Height (in Meter)² d. Weight (in Kg)/Height (in cm)²
9. Fifth Vital sign is
a. Pulse rate b. Temperature c. Systolic Blood Pressure d. Pain
10. If the Oral temperature reading is 99.8°F, what is the body temperature _____.
a. 98.8°F b. 99.8°F c. 100.8°F d. 101.8°F

Part B
Answer the following
Answer should not exceed 400 words or two pages

5 X 6=30

11. a. Explain the importance of vital signs checking.
(or)
11. ~~b.~~ Signs of dehydration and its complication.
12. ~~a.~~ Describe the factors affecting blood pressure.
(or)
12. b. Explain the Naso – gastric tube feeding.
13. ~~a.~~ Food pyramid.
(or)
13. b. Physical assessment methods.
14. ~~a.~~ Psychological aspects of illness.
(or)
14. b. Barriers of effective communication.
15. ~~a.~~ Explain the purposes of recording and reporting.
(or)
15. b. Brief the factors affecting the sleep.

Part C
Answer the following
Answer should not exceed 800 words or four pages

5 x 12=60

16. a. Elaborate on levels, Modes and process of communication.
(or)
16. ~~b.~~ Describe the Maslow's hierarchy needs.
17. a. Explain the physiological mechanisms of fluid maintenance.
(or)
17. ~~b.~~ Write in detail about the various aspects of history taking.
18. ~~a.~~ Explain the discharge procedure of the patient from the hospital, types of discharge and discharge summary?
(or)
18. b. Write detail about the elements of nutrition, its importance and list down the 5 nutritional deficiency disorders.
19. ~~a.~~ Elaborate on comfort devices.
(or)
19. b. Explain the urinary elimination and bowel evacuation procedures for the patient.
20. ~~a.~~ Role of Nutrition in maintaining Health.
(or)
20. b. Active and Passive exercises.