

## Examrace

### MCQ Choice of Question and Answers in Biology Part 18

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66. Ear is most sensitive to frequencies of

- (a) 300 - 500
- (b) 1000 - 3000
- (c) 10000 - 20000
- (d) 16 - 2000

Answer: b

67. Scala vestibuli and scala media are separated by (a) Secondary tympanic membrane

- (b) Tectorial membrane
- (c) Reissner's membrane
- (d) Basilar membrane

Answer: c

68. The auditory receptors are present on

- (a) Basilar membrane
- (b) Tectorial membrane
- (c) Reissner's membrane
- (d) Tympanic membrane.

Answer: a

69. During transmission of sound from middle to internal ear, total pressure with in middle ear increases by

- (a) 1.2 to 1.3 times
- (b) 17 times
- (c) 20 to 22 times
- (d) 12 to 13 times

Answer: c

70. The base of stapes is in contact with

- (a) Oval window
- (b) Middle ear
- (c) Eustachian tube
- (d) Round window

Answer: a

71. The basal part of basilar membrane responds to

- (a) No sound
- (b) High pitched sound
- (c) Low pitched sound
- (d) All sounds

Answer: b

72. The structure in the ear responsible for maintenance of balance is

- (a) cochlea
- (b) Cerebellum
- (c) Vestibular apparatus
- (d) Incus

Answer: c

73. Receptors in semicircular canal are

- (a) Crista ampullaris
- (b) Organ of corti
- (c) Otolith
- (d) Macula

Answer: a

74. The otolith organs comprise

- (a) Cochlea
- (b) Utricle
- (c) Scala media

(d) Helicotrema.

Answer: b

75. The otolith organ saccule and utricles are stimulated by

(a) Rotational movement

(b) Gravity

(c) Temperature

(d) All of the above

Answer: b

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