

ASTRONOMY-RELATED VOCABULARY

FILL IN THE BLANK SPACES WITH APPROPRIATE WORDS

1. A pioneer organism, also called a, is an organism that populates a region after a (short-term) natural disaster, mass extinction, or any other event.

- a) disaster organism
- b) disaster taxon
- c) natural taxon
- d) ecological taxon

2. Human survival on Mars would require living in ... with complex life-support systems

- a) life-supported Martian habitats
- b) artificial Martian habitats
- c) natural Martian habitats
- d) autonomic natural habitats

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3., the study of life in the universe, draws on many traditional areas of scientific study, including astronomy, chemistry and planetary science.

- a) Astronomy....
- b) Astrophysics
- c) Astrobiology
- d) Chemistry

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4. The best of the above candidates for life is the planet Mars.

- a) Intraterrestrial
- b) Out-of the Earth

c) Extraterrestrial

d) Out-of-universe

- So how about looking directly for life or at least for fossilised life? Because life on Mars had little time to develop and flourish on the surface of the planet, possible fossil life will certainly be primitive,t

5.

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- a) eukaryotic
- b) prokaryotic
- c) ecological
- d) ecosystem

6. Recognition of the earliest morphological or chemical evidence of life has proved to be challenging, as organic matter in ancient rocks is commonly fragmentary and difficult to distinguish from abiotically-produced materials

- a) earthly
- b) earthbound
- c) terrestrial
- d) ocean

7. Because nitrogen in Martian rocks commonly derives from processes, it can be considered an indicator of biological activity when associated with organic remains

- a) biological fixation
- b) bitopic
- c) abiotopic
- d) nuclear

8. The straight forward interpretation was that the tiny elongated structures 20–100 nm in length, represent fossilised Martian

bacteria and the above discussed carbonate “globules” are of
origin

- a) biological
- b) biogenic
- c) biocenotic
- d) geogenic

9. It has therefore been suggested that the carbonaceous phase is
.... , derived from an impact on Mars that also produced the
fractures and veins in the Nakhla meteorite

- 10. A) biogenic
- 11. B) abiogenic
- 12. C) abiotic
- 13. D) suprabiotic

10. An alternative strategy for seeking life on other planets is the
use of stable isotope ratios as a ...

- a) biomarker
- b) biosign
- c) biostatistics
- d) life-indicator

11. refers to the transitional state between sleep and wake,
marked by impaired performance, reduced vigilance

- a) sleep inertia
- b) sleep propensity
- c) sleep deactivation

d) seelp deconditioning

12

- of the cardiovascular system (CVD t consists of: (1) a decrease
of circulating blood and interstitial fluid volumes, (2) a decrease of

arterial blood diastolic pressure, (3) a decrease of ventricular stroke volume

- **a)** microgravity pressure
- **b)** microgravity deconditioning
- **c)** gravity deactivation.
- **d)** gravity deconditioning

12. a general term indicating a disability to see and can be mild and modifiable,

- a) The eye disease
- b) visual disorder
- c) the eyesight disorder
- d) the eye impairment

13.

- A major role of the T cell arm of the is to identify and destroy infected cells
- **a) body reaction**
- **b) immunoreaction**
- **c) immuno-response**
- **d) immuno- system**

14. \ a general term indicating a disability to see and can be mild and modifiable,

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15. is a common condition characterized by a feeling of unwellness brought on by certain kinds of movement.

- a) motion volatility

- b) motion sickness
- c) motion impairment
- d) motion reaction

16. was attributable to the aftereffects of adaptation to an unusual gravito-inertial force environment.

- a) the impaired balance deficit
- b) the elicited balance deficit
- c) muscular deficit
- d) brain atrophy

17. can be defined as the readiness to transit from wakefulness to sleep, or the ability to stay asleep if already sleeping.

- 18.** a) sleep readiness
- 19.** d) sleep propensity
- 20.** c) sleep in the universe
- 21.** d) sleep inclination

18..... refers to the amount of time that takes place between when we perceive something to when we respond to it

- a) response time
- b) perception time
- c) response timing
- d) response pulse

19..... NASA performed many experiments before and after shuttle missions to understand the characteristics of these transient Balance and gait disorders.

- a) pre flight
- b) postflight
- c) postgait
- d) overflight

20. The results showed not only this intra-individual stability in the visual behaviors but also high variance between infants in their capacity for

a) visual alertness

b) visual capability

c) visual balance

d) Visual reaction