

- A. Virus particles have resistant power to all drugs.
- B. Fast multiplication by self protein synthesis,
- C. Hijack host cell machinery to produce new viral components,
- D. Can be treated

6, The first case of novel coronavirus was identified in ?

- A. New York.
- B. France.
- C. Wuhan
- D. Delhi

7, From where coronavirus got its name?

- A. Due to their crown-like projections.
- B. Due to their leaf-like projections.
- C. Due to their surface structure of bricks.
- D. None of the above

8, Mild Symptoms of Novel coronavirus are:

- A. Fever
- B. Cough
- C. Shortness of breath
- D. All the above

9, In which age group the COVID-19 spreads?

- A. COVID-19 occur in all age groups.
- B. Coronavirus infection is mild in children.
- C. Older person and persons with pre-existing medical conditions are at high risk to develop serious illness.
- D. All the above are correct,

10, Novel Corona virus multiplication in host cell can be controlled by..

- A. By producing repressor protein,
- B. By Antibiotics
- C. By mutagenic treatment
- D. None of the above

MCQ ANSWER WITH EXPLANATION

1, **C.** *Connective link between living and non living.*

Explanation: Due to their specific nature Viruses are considered as the connective link between living and non living. They can multiply only in living cells but outside of living cells they behave like a dust particle.

2, **A.** *A new strain of virus that has not been previously identified in humans.*

Explanation: A novel coronavirus (CoV) is a new strain of coronavirus that has not been previously identified in humans.

3, **A.** *Protein and ssRNA*

Explanation : They are nucleoproteins and consist of protein and single stranded RNA.

4, **B.** *Supportive care and boost immunity include maintaining basic hand and respiratory hygiene.*

Explanation: There is no specific treatment for disease caused by a novel coronavirus. However, many of the

symptoms can be treated and therefore treatment based on the patient's clinical condition. Moreover, supportive care for infected persons and maintaining basic hand and respiratory hygiene, and safe food practices and avoiding close contact, when possible, with anyone showing symptoms of respiratory illness such as coughing and sneezing can be highly effective.

5, **C.** *Hijack host cell machinery to produce new viral components.*

Explanation: virus particles always hijack the host cell mechanism to control the protein synthesis then they give message to host DNA to produce new viral components.

6, **C.** *Wuhan*

Explanation: The first case of novel coronavirus was identified in Wuhan, China.

7, **A.** *Due to their crown like protections.*

Explanation: Due to their crown-like projections on the surfaces coronaviruses got their name. The virus resembles a crown when viewed under an electron microscope. "Corona" in Latin means "crown"

.8, D. *All of the above.*

Explanation: People infected with novel coronavirus reported with mild symptoms namely fever, cough and shortness of breath. Whereas other common symptoms may include runny nose, headache, sore throat, a general feeling of unwell, etc.

9, D. *All the above are correct.*

Explanation: COVID-19 occur in all the age groups. But according to WHO the infection of coronavirus is mild in children. Persons are at risk who are old and a person suffering from some medical conditions like high blood pressure, cancer, lung disease, diabetes, heart disease.

10, A. *By producing repressor protein.*

Explanation: Some virus strains produce a specific protein called repressor protein. With the effect of repressor protein viral particle stop their multiplication in host cell.