

HS 200 Sustainable Development Goals (SDGs)

2 hours 9 am to 11 am Choose only 'one' right option

1. Target 3.4 can be achieved through (1 Point)

- ☐ Resilient transport
- ☐ Safety Transport
- ☐ Efficient transport
- ☒ Active and public transport

2. Level-1 classification by Network for Greening and Financial Systems involves (1 Point)

- ☐ Only Physical Risks
- ☐ Only Transition Risks

- ☒ Both Physical and Transition Risks
- ☐ No Risks

3. What are the synergies between Universal access and System efficiency? (1 Point)

- ☐ Increased efficiency can move more people
- ☐ Higher access may increase vehicle kilometres
- ☒ Efficient management of empty truck backhauls
- ☐ None of the above

4. Which of the following is a challenge in generating power from renewable energy sources?

(1 Point)

- ☐ Renewable energy sources are variable in nature
- ☐ Conventional power generation technologies are not suitable for generating power from renewables.
- ☐ At present power cannot be stored in huge levels
- ☒ All of the above

5. If the tonnes of CO₂e is denoted by "M" and the revenue in millions of currency is denoted by "N", then the Carbon Intensity is given by (1 Point)

☐ N/M

☒ M/N

☐ M+N

☐ M-N

6. As per Greenhouse Gas (GHG) Protocol, indirect emissions resulting from generation of energy purchased from a utility provider comes under (1 Point)

☐ Scope 1 Emissions

☒ Scope 2 Emissions

☐ Scope 3 Emissions

☐ Does not come under any Scope of Emissions

7. Holocene period was characterized by (1 Point)

- ☒ Warm years, calm conditions, and stable climate
- ☐ Warm conditions, Industrial development, and warm climate
- ☐ Calm conditions, industrial development, Stable climate
- ☐ None of the above

8. SDGs comprises of (1 Point)

- ☒ 17 Goals and 169 targets
- ☐ 17 Goals and 168 targets
- ☐ 17 Goals and 150 targets
- ☐ 17 Goals and 165 targets

9. Which of the following targets considers the needs of women, children, and older persons?

(1 Point)

- ☐ 11.6
- ☒ 11.2

☐ 12.3

☐ 9.3

10. The era of Anthropocene was categorized to be (1 Point)

☐ Warm years, calm conditions, and stable climate

☒ Warm conditions, Industrial development, and warm climate

☐ Machine supported and labor-saving work to enhance skills and capacities

☐ None of the above

11. Which of the following you can use at your home to generate power from renewable energy sources? (1 Point)

☐ Planting solar PV at rooftop

☐ Setting a biomass power plant at your backyard.

☐ Mounting a wind turbine in your garden.

☒ All of the above.

12. Something is environmentally unsustainable when (1 Point)

- ☐ We can continue at the rate at which we are polluting the environment
- ☐ It is physically strenuous to use it
- ☐ Generates huge amount of waste during usage
- ☒ None of the above

13. Which of these terminologies is **NOT** used to define a type of design and innovation activity done in the base of the pyramid context?

(1 Point)

- ☐ Frugal Innovation
- ☐ Grassroots Innovation
- ☒ Resource Driven Innovation
- ☐ Jugaad Innovation

14. Which country rank first in global agriculture production? (1 Point)

- ☐ India

☒ China

☐ USA

☐ Japan

15. In which of the following solar PV can be placed to generate power? (1 Point)

☐ Roads

☒ Rooftops

☐ Riverbeds

☐ All of the above

16. For a solution to be sustainable, it has to be sustainable on (1 Point)

☐ Social Dimension

☐ Economic Dimension

☐ Environmental Dimension

- ☒ all the three dimensions: Social, Economic and Environmental

17. Which of the following is not true for Sustainable Development Goals (1 Point)

- ☐ SDGs are the expansions of the MDGs both bring goal-based initiatives
- ☐ While MDGs were focused on poverty eradication, SDGs main aim is irresistibly move towards sustainable development.
- ☐ SDGS are focused not only on environmental protection but also on economic prosperity and social inclusion
- ☒ SDGs followed the same process as MDGs to develop the goals

18. What is the SDG-3 related to? (1 Point)

- ☒ A) Good Health and Well-being for All at All Ages
- ☐ B) Quality Education
- ☐ C) Zero Hunger
- ☐ D) Clean Water and Sanitation

19. The number of mechanisms that can link digital dynamics with sustainable strategies to enable size fundamental transformations are (1 Point)

- ☒ 8
- ☐ 5
- ☐ 3
- ☐ 6

20. The following is one of the steps of additive manufacturing in the 3D printing process (1 Point)

- ☐ Dark side
- ☐ Community tool
- ☒ STL file
- ☐ Heart valves

21. What is the percent of Gross Domestic Product (GDP) that Government of India plans to increase the public health expenditure to health as per National Health Policy 2017? (1 Point)

- ☒ 2.5 %
- ☐ 1.3%
- ☐ 4%
- ☐ None of the above.

22. Brundtland report tried to emphasize that (1 Point)

- ☐ There is no limit to growth
- ☒ Economic growth and environment protection needs to move together
- ☐ Reducing poverty will lead to environmental degradation
- ☐ All of the above

23. What is the target for reducing the global maternal mortality by 2030 under SDG-3? (1 Point)

- ☒ Less than 70 per 100,000 live births
- ☐ Less than 100 per 100,000 live births
- ☐ More than 50 per 100,000 live births

☐ None of the above.

24. How many agro climatic zones are there in India (1 Point)

☐ 25

☐ 30

☐ 20

☒ 15

25. The number of founding members of Network for Greening the Financial System (NGFS) was

(1 Point)

☐ 173

☐ 121

☐ 13

☒ 8

26. Which of the following statement is TRUE (1 Point)

- ☒ Carbon Tax stipulates the price of emission
- ☐ Carbon Tax puts a cap on emission trading
- ☐ For ETS the supply of allowances is infinitely elastic
- ☐ All of the above

27. The major challenges in the digital revolution is (1 Point)

- ☐ Inequalities
- ☐ Civic rights
- ☐ Limited knowledge in government and public institutions
- ☒ All of the above

28. The first target under SDG-3 calls for reducing which mortality? (1 Point)

- ☐ Child Mortality

- ☐ Infant Mortality
- ☒ Maternal Mortality
- ☐ Death Rate

29. Curcumin is the active ingredients in following product (1 Point)

- ☒ Turmeric extract
- ☐ Chocolate
- ☐ Vanilla ice-cream
- ☐ Spirulina tablet

30. As per the SDG-3 what is the target to be achieved for reducing under five child mortality by 2030.

(1 Point)

- ☐ 30 per 1000 live births
- ☒ 25 per 1000 live births
- ☐ 50 per 1000 live births

☐ 100 per 1000 live births

31. What is the main Sustainability Development Goal related to poverty? (1 Point)

- ☐ End extreme poverty in developing countries
- ☐ Improve the lives people having low-income
- ☒ End poverty in all its forms everywhere
- ☐ Improve the living conditions for those in extreme poverty.

32. Which of these statements are **FALSE**? (1 Point)

- ☐ Un-sustainabilities have to be looked for in a product/ service over the entire lifecycle of it.
- ☐ Un-sustainabilities have to be looked for in a product/ service over each and every component of it.
- ☐ Un-sustainability is caused due to the way we consume something.
- ☒ Its only the production phase which is responsible for all un-sustainabilities.

33. SDG 11 deals with (1 Point)

- ☐ Climate action
- ☒ Sustainable cities
- ☐ Clean water and Sanitation
- ☐ None of the above

34. Infant mortality refers to the deaths of children within which year of their birth? (1 Point)

- ☒ Within one year of their birth
- ☐ Within their second year.
- ☐ Within 5 years.
- ☐ None of the Above.

35. Which of the following one is not a target of SDG 9? (1 Point)

- ☐ Promote inclusive and sustainable industrialisation
- ☐ Support domestic technology development
- ☒ Enhance higher education

☐ Support Industrial diversification

36. What are the global objectives for sustainable transport? (1 Point)

☒ Resilience, safety, access, efficiency

☐ Resilience, Green, access, efficiency

☐ Resilience, safety, access, Green

☐ Green, safety, access, efficiency

37. As per National Family Health Survey-5(2019-21) what is the percentage of fully immunized children(12-23 months)in India.

(1 Point)

☒ 77%

☐ 90%

☐ 50%

☐ 100%

38. What is Purchasing Power Parity (PPP) ? (1 Point)

- ☐ A rate of conversion of currency based on the performance of a country's currency with that of the European Union.
- ☐ A measure of the cost of essential goods needed to maintain a specific standard of living in various countries.
- ☐ It is the power to purchase specific goods listed by the united nations in different countries using their own currency.
- ☒ A measurement of the price of specific goods in different countries used to compare the absolute purchasing power of a country's currency.

39. Target 7.3 is related to (1 Point)

- ☐ Safety
- ☐ Accessibility
- ☒ Energy efficiency
- ☐ Green

40. By which year countries are supposed to end the epidemics of AIDS, Malaria and Tuberculosis.

(1
Point)

- ☐ 2020
- ☒ B) 2030
- ☐ C) 2025
- ☐ D) None of the above
- ☐ Option 2

41. Focus of the Target 9.1 is (1 Point)

- ☒ Affordable and equitable access
- ☐ Safe access
- ☐ Efficient access All the above
- ☐ All of the abpve

42. Which one of the three is more sustainable? (1 Point)

- ☐ Terracotta Cup
- ☐ Paper cups lined with a thin layer of EVA (type of plastic) inside
- ☐ Disposable polystyrene (type of plastic) cup
- ☒ Depends on the context of usage and needs to be calculated (can't be predicted intuitively)

43. What is the main challenge in power generation from solar PV? (1 Point)

- ☐ Low Efficiency
- ☐ Not readily available in market
- ☐ Difficult to install
- ☒ Sunlight is variable.

44. The economic, social, and environmental goals under good governance in the digital revolution is termed to be (1 Point)

- ☐ Quintuple bottom line

- ☐ Quadruple bottom line
- ☒ Triple bottom line
- ☐ None of the above

45. The Covid-19 Pandemic (1 Point)

- ☐ Had a positive effect on reducing poverty since people could stay at home and save money.
- ☐ Reduced the wealth gap between developing and developed countries.
- ☒ New communities living in extreme poverty were created
- ☐ Erased several years of progress made in reducing global poverty.

46. Which of the SDGs include the road safety? (1 Point)

- ☐ 1
- ☐ 2
- ☒ 3

☐ 4

47. How many targets are there under SDG-3? (1 Point)

☒ 9

☐ 1

☐ 3

☐ 5

48. Most of ESG scoring systems are based onQuestion (1 Point)

☐ Scoring Trees

☐ Random Forest

☐ Clustering

☒ Bayesian Approach

49. Which type of electronics enables power generation from renewable energy sources (1 Point)

- ☐ Analog Electronics
- ☐ Digital electronics
- ☒ Power Electronics
- ☐ Nano Electronics

50. "Solar Impulse 2" is the name of the (1 Point)

- ☒ Fully solar powered aeroplane which completed one round of the world.
- ☐ Fully solar powered ship which completed one round of the world.
- ☐ Fully solar powered train which runs in European countries.
- ☐ Fully solar powered bus which runs in European countries.

51. National ETS was launched on 1st February 2021 (restricted to the power sector) in (1 Point)

- ☐ USA
- ☒ China
- ☐ Australia

☐ EU

52. The following platform has the third-highest active users on social media is (1 Point)

☒ Instagram

☐ Google+

☐ LinkedIn

☐ Twitter

53. What is the average daily income value used as the international poverty line? (1 Point)

☐ Rs 7035 per day

☒ \$ 2.15 per day

☐ \$ 10 per day

☐ \$ 5 per day

54. Smart grids use which of the following technologies (1 Point)

- ☐ Only power systems
- ☐ Only communication systems
- ☒ Combination of power systems and communication systems
- ☐ Not known yet

55. Most of India's future power demand can be met by fully exploring which of the two renewable energy sources?

(1 Point)

- ☒ Solar and Wind energy
- ☐ Solar and biomass
- ☐ Fuel cells and biomass
- ☐ Biomass and wind

56. Single EU-wide cap replaced national caps in (1 Point)

- ☐ Phase-I of EU ETS
- ☐ Phase-II of EU ETS

☒ Phase-III of EU ETS

57. The downside of the digital revolution (1 Point)

- ☒ Jobs under threat
- ☐ Decarbonatization
- ☐ Knowledge societies
- ☐ None of the above

58. Our Common future, also known as the Brundtland report was presented in which year? (1 Point)

- ☐ 1984
- ☐ 1982
- ☒ 1987
- ☐ 1988

59. Electric vehicles have the advantage over conventional vehicles of (1 Point)

- ☐ Reducing size of vehicles
- ☒ Reducing pollution
- ☐ Electric vehicles have several disadvantages over conventional vehicles.
- ☐ None of the above

60. Which of the following transport modes is considered as active mode of transport? (1 Point)

- ☒ Public Transport
- ☐ Car
- ☐ Motorized two-wheeler
- ☐ Walking

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