Book For

Union Public Service Commission

CDS OTA General Knowledge Sample Paper

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(1) Which of the following is the first Indian private company to sign an accord with Government of Myanmar for oil exploration in two offshore blocks in that country?

[A] Reliance Energy  
[B] Essar Oil  
[C] GAIL  
[D] ONGC  

Answer: [B]

(2) The Board of Industrial and Financial Reconstruction (BIFR) came into existence in

[A] 1984  
[B] 1986  
[C] 1987  
[D] 1989  

Answer: [C]

(3) If the fiscal deficit of the Union Government is Rs. 75,000 crores relating to State is Rs. 25,000 crores, interest payments are Rs. 25,000 crores, what is the amount of the primary deficit?

[A] Rs. 50,000 crores  
[B] Rs. 25,000 crores  
[C] Rs. 1,00,000 crores  
[D] Rs. 1,25,000 crores  

Answer: [A]

(4) Subsidies mean

[A] payment by government for purchase of goods and services  
[B] payment made by business enterprises to factors of production  
[C] payment made by companies to shareholders  
[D] payment made by the government to business enterprises, without buying any goods and services  

Answer: [D]

(5) Devaluation of currency leads to

[A] fall in domestic prices
[B] increase in domestic prices
[C] no impact on domestic prices
[D] erratic fluctuations in domestic prices
Answer: [B]

(6) Of the following natural phenomena, tell which one known in Sanskrit as 'deer's thirst'?
[A] Rainbow
[B] Earthshine
[C] Halo
[D] Mirage
Answer: [D]

(7) On a cold day when a room temperature is 15°C, the metallic cap of a pen becomes much colder than its plastic body, though both are at the same temperature of 15°C, because
[A] metals have higher thermal capacity than plastics
[B] plastics have a lower density than metals
[C] metals are good conductor of heat
[D] plastics have a higher thermal conductivity than metals
Answer: [C]

(8) Radio telescopes are better than optical telescopes because
[A] they can detect faint galaxies which no optical telescope can
[B] they can work even in cloudy conditions
[C] they can work during the day and night
[D] All of the above
Answer: [D]

(9) Radiocarbon dating technique is used to estimate the age of
[A] rocks
[B] monuments
[C] soil
[D] fossils
Answer: [D]
(10) Rainbow is produced when sunlight fall on drops of rain. Which of the following physical phenomena are responsible for this?

I. Diffusion
II. Refraction
III. Internal reflection

[A] I, II and III
[B] I and II
[C] II and III
[D] I and III

Answer: [C]

(11) Dr. Joon Lew of Korea, the recipient of international Gandhi Award is known for his service in the?

[A] Eradication of leprosy
[B] Campaigning against AIDS
[C] Against Drugs
[D] Against child labour

Answer: [A]

(12) Who fits with this description 'Indian Cotton merchant, Banker, Congressman, a close associate of Mahatma Gandhi'?

[A] M. R. Jayakar
[B] V. S. Sastri
[C] G. D. Birla
[D] Jamanlal Bajaj

Answer: [C]

(13) In which of the following dance forms 'Guru Kelucharan Mohapatra' is associated with?

[A] Odissi
[B] Bharathanatiyam
[C] Kathak
[D] Kathakali

Answer: [A]

Explanation: Guru Kelucharan Mohapatra (January 26, 1924 - April 7, 2004) was an Indian classical dancer, guru and proponent of Odissi dance, who is credited for the revival of the classical dance form in the 20th century.

(14) Who headed the committee on 'computerisation' in Indian Banks(1988)?

[A] C. Rangarajan
[B] R.N. Malhotra
(15) Pandit Vishwa Mohan Bhatt, who has won the prestigious 'Grammy Awards' is an exponent in which of the following musical instruments?

[A] Guitar
[B] Violin
[C] sarod
[D] Tabla

Answer: [A]

(16) The items amenable to detection by soft x-rays are

[A] contrabands
[B] lead in bullets
[C] narcotics
[D] genuine coins from counterfeit coins

Answer: [D]

(17) The following are the half lives of four active isotopes. Which one of the following is the most dangerous to handle?

[A] 3 billion years
[B] 100 years
[C] 0.01 minute
[D] 13 days

Answer: [C]

(18) The high reactivity of fluorine is due to

[A] its high electro negativity
[B] small size of fluorine atom
[C] availability of d-orbitals
[D] strong F-F bond

Answer: [A]

(19) The organic reaction represented by equation \( {\text{CH}}_3 - \text{CH} = \text{O} + \text{H}_2\text{NOH} \rightarrow \text{CH}_3 - \text{CH} - \text{NH} + \text{H}_2\text{O} \) is an example of

[A] an addition reaction
[B] a condensation reaction
[C] an oxidation reaction
[D] an elimination reaction
Answer: [B]

(20) The molecular formula of phosphorous is
[A] P₁
[B] P₂
[C] P₃
[D] P₄
Answer: [D]