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Prelims PYQ, Mains model answers, and copy evaluation. Write to the desk for this paper, a doubt, or the AI waitlist.

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UPSC Mains 2022 GS III

Questions only

<https://wrapexams.com/upsc/mains/gs-3/2022/>

Answer key at the end of this PDF

Attempt the paper first. After the last question, this pack closes with a compiled answer key: official letters in boxed exam order, then a question-wise list with Solution links to WRAP Exams.

Q1 • 10 marks

Why is Public Private Partnership (PPP) required in infrastructural projects ?
Examine the role of PPP model in the redevelopment of Railway Stations in India.

Topic • Infrastructure

Solution — <https://wrapexams.com/upsc/mains-answers/gs-3/2022/why-is-public-private-partnership-ppp-required-in-infrastructural-projects-examine-the-role-of-ppp-model-in-the-redevelopment-of-railway-stations-in-india/>

Q2 • 10 marks

Is inclusive growth possible under market economy ? State the significance of financial inclusion in achieving economic growth in India.

Topic • Inclusive Growth

Solution — <https://wrapexams.com/upsc/mains-answers/gs-3/2022/is-inclusive-growth-possible-under-market-economy-state-the-significance-of-financial-inclusion-in-achieving-economic-growth-in-india/>

Q3 • 10 marks

What are the major challenges of Public Distribution System (PDS) in India ? How can it be made effective and transparent ?

Topic • Farm Subsidies and PDS

Solution — <https://wrapexams.com/upsc/mains-answers/gs-3/2022/what-are-the-major-challenges-of-public-distribution-system-pds-in-india-how-can-it-be-made-effective-and-transparent/>

Q4 • 10 marks

Elaborate the scope and significance of the food processing industry in India.

Topic • Food Processing

Solution — <https://wrapexams.com/upsc/mains-answers/gs-3/2022/elaborate-the-scope-and-significance-of-the-food-processing-industry-in-india/>

Q5 • 10 marks

The increase in life expectancy in the country has led to newer health challenges in the community. What are those challenges and what steps need to be taken to meet them ?

Topic · Indian Economy

Solution — <https://wrapexams.com/upsc/mains-answers/gs-3/2022/the-increase-in-life-expectancy-in-the-country-has-led-to-newer-health-challenges-in-the-community-what-are-those-challenges-and-what-steps-need-to-be-taken-to-meet-them/>

Q6 • 10 marks

Each year a large amount of plant material, cellulose, is deposited on the surface of Planet Earth. What are the natural processes this cellulose undergoes before yielding carbon dioxide, water and other end products ?

Topic · Environment and Conservation

Solution — <https://wrapexams.com/upsc/mains-answers/gs-3/2022/each-year-a-large-amount-of-plant-material-cellulose-is-deposited-on-the-surface-of-planet-earth-what-are-the-natural-processes-this-cellulose-undergoes-before-yielding-carbon-dioxide-water-and-other-end-products/>

Q7 • 10 marks

Discuss in detail the photochemical smog emphasizing its formation, effects and mitigation. Explain the 1999 Gothenburg Protocol.

Topic · Indian Economy

Solution — <https://wrapexams.com/upsc/mains-answers/gs-3/2022/discuss-in-detail-the-photochemical-smog-emphasizing-its-formation-effects-and-mitigation-explain-the-1999-gothenburg-protocol/>

Q8 • 10 marks

Explain the mechanism and occurrence of cloudburst in the context of the Indian subcontinent. Discuss two recent examples.

Topic · Indian Economy

Solution — <https://wrapexams.com/upsc/mains-answers/gs-3/2022/explain-the-mechanism-and-occurrence-of-cloudburst-in-the-context-of-the-indian-subcontinent-discuss-two-recent-examples/>

Q9 • 10 marks

Discuss the types of organised crimes. Describe the linkages between terrorists and organised crime that exist at the national and transnational levels.

Topic · Border Security and Organised Crime

Solution — <https://wrapexams.com/upsc/mains-answers/gs-3/2022/discuss-the-types-of-organised-crimes-describe-the-linkages-between-terrorists-and-organised-crime-that-exist-at-the-national-and-transnational-levels/>

Q10 • 10 marks

What are the maritime security challenges in India ? Discuss the organisational, technical and procedural initiatives taken to improve the maritime security.

Topic · Indian Economy

Solution — <https://wrapexams.com/upsc/mains-answers/gs-3/2022/what-are-the-maritime-security-challenges-in-india-discuss-the-organisational-technical-and-procedural-initiatives-taken-to-improve-the-maritime-security/>

Q11 · 15 marks

Economic growth in the recent past has been led by increase in labour activity." Explain this statement. Suggest the growth pattern that will lead to creation of more jobs without compromising labour productivity.

Topic · Indian Economy

Solution — <https://wrapexams.com/upsc/mains-answers/gs-3/2022/economic-growth-in-the-recent-past-has-been-led-by-increase-in-labour-activity-explain-this-statement-suggest-the-growth-pattern-that-will-lead-to-creation-of-more-jobs-without-compromising-labour-productivity/>

Q12 · 15 marks

Do you think India will meet 50 percent of its energy needs from renewable energy by 2030 ? Justify your answer. How will the shift of subsidies from fossil fuels to renewables help achieve the above objective ? Explain.

Topic · Farm Subsidies and PDS

Solution — <https://wrapexams.com/upsc/mains-answers/gs-3/2022/do-you-think-india-will-meet-50-percent-of-its-energy-needs-from-renewable-energy-by-2030-justify-your-answer-how-will-the-shift-of-subsidies-from-fossil-fuels-to-renewables-help-achieve-the-above-objective-explain/>

Q13 · 15 marks

What are the main bottlenecks in upstream and downstream process of marketing of agricultural products in India ?

Topic · Indian Economy

Solution — <https://wrapexams.com/upsc/mains-answers/gs-3/2022/what-are-the-main-bottlenecks-in-upstream-and-downstream-process-of-marketing-of-agricultural-products-in-india/>

Q14 · 15 marks

What is Integrated Farming System ? How is it helpful to small and marginal farmers in India ?

Topic · Crops, Irrigation and Marketing

Solution — <https://wrapexams.com/upsc/mains-answers/gs-3/2022/what-is-integrated-farming-system-how-is-it-helpful-to-small-and-marginal-farmers-in-india/>

Q15 · 15 marks

Launched on 25th December, 2021, James Webb Space Telescope has been much in the news since then. What are its unique features which make it superior to its predecessor Space Telescopes ? What are the key goals of this mission ? What potential benefits does it hold for the human race?

Topic · Indian Economy

Solution — <https://wrapexams.com/upsc/mains-answers/gs-3/2022/launched-on-25th-december-2021-james-webb-space-telescope-has-been-much-in-the-news-since-then-what-are-its-unique-features-which-make-it-superior-to-its-predecessor-space-telescopes-what-are-the-key-goals-of-this/>

Q16 · 15 marks

What is the basic principle behind vaccine development? How do vaccines work? What approaches were adopted by the Indian vaccine manufacturers to produce COVID-19 vaccines ?

Topic · Indian Economy

Solution — <https://wrapexams.com/upsc/mains-answers/gs-3/2022/what-is-the-basic-principle-behind-vaccine-development-how-do-vaccines-work-what-approaches-were-adopted-by-the-indian-vaccine-manufacturers-to-produce-covid-19-vaccines/>

Q17 · 15 marks

Discuss global warming and mention its effects on the global climate. Explain the control measures to bring down the level of greenhouse gases which cause global warming, in the light of the Kyoto Protocol, 1997.

Topic · Environment and Conservation

Solution — <https://wrapexams.com/upsc/mains-answers/gs-3/2022/discuss-global-warming-and-mention-its-effects-on-the-global-climate-explain-the-control-measures-to-bring-down-the-level-of-greenhouse-gases-which-cause-global-warming-in-the-light-of-the-kyoto-protocol-1997/>

Q18 · 15 marks

Explain the causes and effects of coastal erosion in India. What are the available coastal management techniques for combating the hazard ?

Topic · Indian Economy

Solution — <https://wrapexams.com/upsc/mains-answers/gs-3/2022/explain-the-causes-and-effects-of-coastal-erosion-in-india-what-are-the-available-coastal-management-techniques-for-combating-the-hazard/>

Q19 · 15 marks

What are the different elements of cyber security ? Keeping in view the challenges in cyber security, examine the extent to which India has successfully developed a comprehensive National Cyber Security Strategy.

Topic · Cyber Security and Money Laundering

Solution — <https://wrapexams.com/upsc/mains-answers/gs-3/2022/what-are-the-different-elements-of-cyber-security-keeping-in-view-the-challenges-in-cyber-security-examine-the-extent-to-which-india-has-successfully-developed-a-comprehensive-national-cyber-security-strategy/>

Q20 · 15 marks

Naxalism is a social, economic and developmental issue manifesting as a violent internal security threat. In this context, discuss the emerging issues and a multilayered strategy to tackle the menace of Naxalism.

Topic · Internal Security and Extremism

Solution — <https://wrapexams.com/upsc/mains-answers/gs-3/2022/naxalism-is-a-social-economic-and-developmental-issue-manifesting-as-a-violent-internal-security-threat-in-this-context-discuss-the-emerging-issues-and-a-multilayered-strategy-to-tackle-the-menace-of-naxalism/>

Compiled answer key

Last pages of this pack. Each question links to the WRAP model answer on wrapexams.com.

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Q1 10 marks	Q2 10 marks	Q3 10 marks	Q4 10 marks
Q5 10 marks	Q6 10 marks	Q7 10 marks	Q8 10 marks
Q9 10 marks	Q10 10 marks	Q11 15 marks	Q12 15 marks
Q13 15 marks	Q14 15 marks	Q15 15 marks	Q16 15 marks
Q17 15 marks	Q18 15 marks	Q19 15 marks	Q20 15 marks

Question-wise key

Q1 · 10 marks Solution

Q2 · 10 marks Solution

Q3 · 10 marks Solution

Q4 · 10 marks Solution

Q5 · 10 marks Solution

Q6 · 10 marks Solution

Q7 · 10 marks Solution

Q8 · 10 marks Solution

Q9 · 10 marks Solution

Q10 · 10 marks Solution

Q11 · 15 marks Solution

Q12 · 15 marks Solution

Q13 · 15 marks Solution

Q14 · 15 marks Solution

Q15 · 15 marks Solution

Q16 · 15 marks Solution

Q17 · 15 marks Solution

Q18 · 15 marks Solution

Q19 · 15 marks Solution

Q20 · 15 marks Solution

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