



# ಗುಲಬರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯ GULBARGA UNIVERSITY

Jnana Ganga - Kalaburagi - 585 106 Karnataka - India

[Total No. of Pages : 2

Maximum Marks

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## CERTIFICATE



This is to certify that Basava Shree  
 represented Volley Ball  
Govt. Comy College Bidar Team Runners up  
 In Inter Collegiate Single zone volleyball (women) Tournament held at  
Govt. First Grade College in Azalpur on 28/02/2018-19

THIRTY HOURS  
 PRINCIPAL  
 Government First Grade College  
 AZALPUR, Dist. Kalaburagi-585 301

Answer the following in brief.

- Trophic levels
- Tidal energy
- Biotic components
- Incineration
- Chemical treatment
- LC<sub>50</sub>
- Natality
- Edge ecology

Explain the biogeochemical cycle of carbon.

Explain the sources, effects and control measures of water pollution.

Give a detailed account of molecular mechanism of toxicant action.

Discuss the advantages and disadvantages of bioremediation.

Write an explanatory note on any Two of the following :

Community structure and attributes.

Biodiversity management approaches.

Acute and chronic toxicity.

DIRECTOR OF PHYSICAL EDUCATION

PGIOS-069-A-22/2022

# INTER COLLEGIATE