

## Bihar livelihood specialist question paper held on 21 Nov 2025

**Q1. Which fish is most commonly cultured in Bihar under composite fish culture systems?**

- (a) Rohu
- (b) Catla
- (c) Mrigal
- (d) Magur

**Q2. Sustainable agriculture mainly emphasizes**

- (a) Maximum chemical fertilizer use
- (b) Short-term profit maximization
- (c) Conserving resources with stable yield
- (d) Intensive mono-cropping

**Q3. Micro-credit primarily aims to support**

- (a) Large industrial firms
- (b) High-income farmers
- (c) Small and marginal borrowers
- (d) Only government bodies

**Q4. Foundation seed is produced from**

- (a) Breeder seed
- (b) Certified seed
- (c) Truthful seed
- (d) Farm-saved seed

**Q5. HD-2967 variety of wheat belongs to**

- (a) Durum wheat
- (b) Bread wheat
- (c) Emmer wheat
- (d) Diccoccum wheat

**Q6. 'PBW-343' wheat variety is mainly preferred for**

- (a) Late sown irrigated conditions
- (b) Timely sown irrigated conditions
- (c) Rainfed drought areas
- (d) Disease-free hilly zones

**Q7. Climate adaptation in agriculture focuses on**

- (a) Relying only on traditional crops
- (b) Increasing vulnerability to weather extremes
- (c) Adjusting practices to reduce climate risk
- (d) Eliminating all rainfall dependency

**Q8. Weather-based crop planning primarily helps in**

- (a) Predicting market prices
- (b) Deciding irrigation and sowing time
- (c) Increasing chemical applications
- (d) Avoiding crop rotation practices

## Solutions

**S1. Ans (a)**

**Sol.** Bihar predominantly practices composite fish culture with **Rohu** as the leading species along with Catla and Mrigal. Rohu has higher consumer preference and good growth in local conditions.

**S2. Ans (c)**

**Sol.** Sustainable agriculture focuses on **resource conservation**, soil health, biodiversity and stable yields with minimal environmental harm.

**S3. Ans (c)**

**Sol.** Microcredit mainly supports **small, marginal, landless and low-income borrowers**, enabling livelihood and self-employment activities.

**S4. Ans (a)**

**Sol.** Foundation seed is produced from **breeder seed** under high genetic purity to generate certified seed.

**S5. Ans (b)**

**Sol.** HD-2967 is a high-yielding **bread wheat** variety widely grown in the Indo-Gangetic plains.

**S6. Ans (b)**

**Sol.** PBW-343 is suitable for **timely-sown irrigated** conditions and became popular for its yield and adaptability.

**S7. Ans (c)**

**Sol.** Climate adaptation means **modifying cropping systems, varieties, sowing time and water management** to reduce risks from climate change.

**S8. Ans (b)**

**Sol.** Weather-based planning helps farmers decide **optimal sowing windows, irrigation scheduling, fertilization and pest management**.